
Public Notice

Applicant: New York State Department of Transportation
Date: Published: August 20, 2003
Expires: September 18, 2003

**U.S. Army Corps
of Engineers**

In Reply Refer To:

Buffalo District CELRB-TD-R RE: 1999-00298(2) **Section:** NY 404

**Application for Permit under Authority of
Section 404 of the Clean Water Act (33 U.S.C. 1344).**

The New York State Department of Transportation (NYSDOT), 107 Broadway, Hornell, New York 14843 proposes to perform work in waters of the United States (U.S.) to upgrade the interchange at the juncture of U.S. Route 15 and the newly designated Interstate 86 (formerly known as Route 17 Southern Tier Expressway), in the Villages of Gang Mills and Painted Post, in the Town of Erwin, Steuben County, New York.

The purpose of the proposed project is to improve capacity at the interchange and provide for the separation of local and regional traffic.

The project will impact a total of 1.79 acres of federal wetland (see Sheet 2 of 36). Nine separate wetlands, totalling 5.49 acres and labelled A-I, were identified within the project area. It was determined that delineated wetlands D and G (1.13 acres and 0.74 acres, respectively) are constructed stormwater basins and not waters of the U.S. Therefore, only 3.62 acres of federal wetland exist within the project area. State wetland CN-2 is also located within the project area. However, the proposed project will only impact 2.68 acres of the wetland's adjacent area and not the wetland proper.

The Route 15 alignment will require five new crossings of the Cohocton River including the placement of 11 new piers below the ordinary high water elevation (OHW) (See Sheets 13 and 15). Approximately 335 cubic yards of heavy stone fill will be placed below OHW of the Cohocton River during installation of the new piers. This portion of the Cohocton River is located within a U.S. Army Corps of Engineers Baltimore District Flood Control project. They have determined that the new piers will not effect the flood control facility provided the capacity of the facility is restored to original design capacity. Therefore, the NYSDOT proposes to remove approximately 163,500 cubic yards of material from the Cohocton, Chemung and Tioga Rivers. The work will include regrading of the channel, minor relocation of the Cohocton River thalweg (low flow channel) and removal of two islands located at the confluence of the three rivers (see Sheets 17-29 of 36). A temporary access road will be constructed across the levee and will entail the placement of 490 cubic yards of fill below OHW of the Cohocton River (see Sheet 30 of 36). Two temporary fill causeways will be constructed to provide access to the two islands which will

involve the placement of a total of 585 cubic yards of heavy stone fill below OHW of the Tioga River (see Sheet 27 of 36).

Approximately 2,465 feet of Gang Mills Creek will be impacted through the relocation and installation of 625 feet of culvert. It is noted that the portion of Gang Mills Creek within the project area has been previously channelized and partially lined with riprap. Currently this portion of Gang Mills Creek has 545 feet of culvert and 1,920 feet of open channel. The proposed channel will have 1,795 feet of open channel (see Sheets 6, 10, 14 and 16 of 36). As Gang Mills Creek is already degraded and the existing channel will be replaced in-kind with a new channel, no mitigation is proposed for stream impacts.

To mitigate for permanent wetland impacts, the NYSDOT proposes to create 3.6 acres of emergent wetland at an on-site area located between the Norfolk Southern Railroad and the Tioga River levee. The wetland area will include a plunge pool, forebay, micro-pool and 0.3 acre upland island. The wetland will discharge via a riprap lined channel into Gang Mills Creek. The total mitigation area including upland buffer is 7.75 acres (see Sheets 9, 10, and 31-36 of 36).

Location and details of the above described work are shown on the attached maps and drawings.

Questions pertaining to the work described in this notice should be directed to Bridget E. Brown, who can be contacted by calling (315) 255-8090, or by e-mail at: bridget.brown@usace.army.mil

The following authorization(s) may be required for this project:

Water Quality Certification (or waiver thereof) from the New York State Department of Environmental Conservation.

There are no registered historic properties or properties listed as being eligible for inclusion in the National Register of Historic Places that will be affected by this project.

In addition, available evidence indicates that the proposed work will not affect a species proposed or designated by the U.S. Department of the Interior as threatened or endangered, nor will it affect the critical habitat of any such species.

This notice is promulgated in accordance with Title 33, Code of Federal Regulations, parts 320-330. Any interested party desiring to comment on the work described herein may do so by submitting their comments, in writing, so that they are received no later than 4:30 pm on the expiration date of this notice.

Comments should be sent to the U. S. Army Corps of Engineers, 7413 County House Road, Auburn, New York 13021, and should be marked to the attention of Bridget E. Brown, or by e-mail at: bridget.brown@usace.army.mil. A lack of response will be interpreted as meaning that there is no objection to the work as proposed.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. All written comments will be made a part of the administrative record which is available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any individual may request a public hearing by submitting their written request, stating the specific reasons for holding a hearing, in the same manner and time period as other comments.

Public hearings for the purposes of the Corps permit program will be held when the District Commander determines he can obtain additional information, not available in written comments, that will aid him in the decision making process for

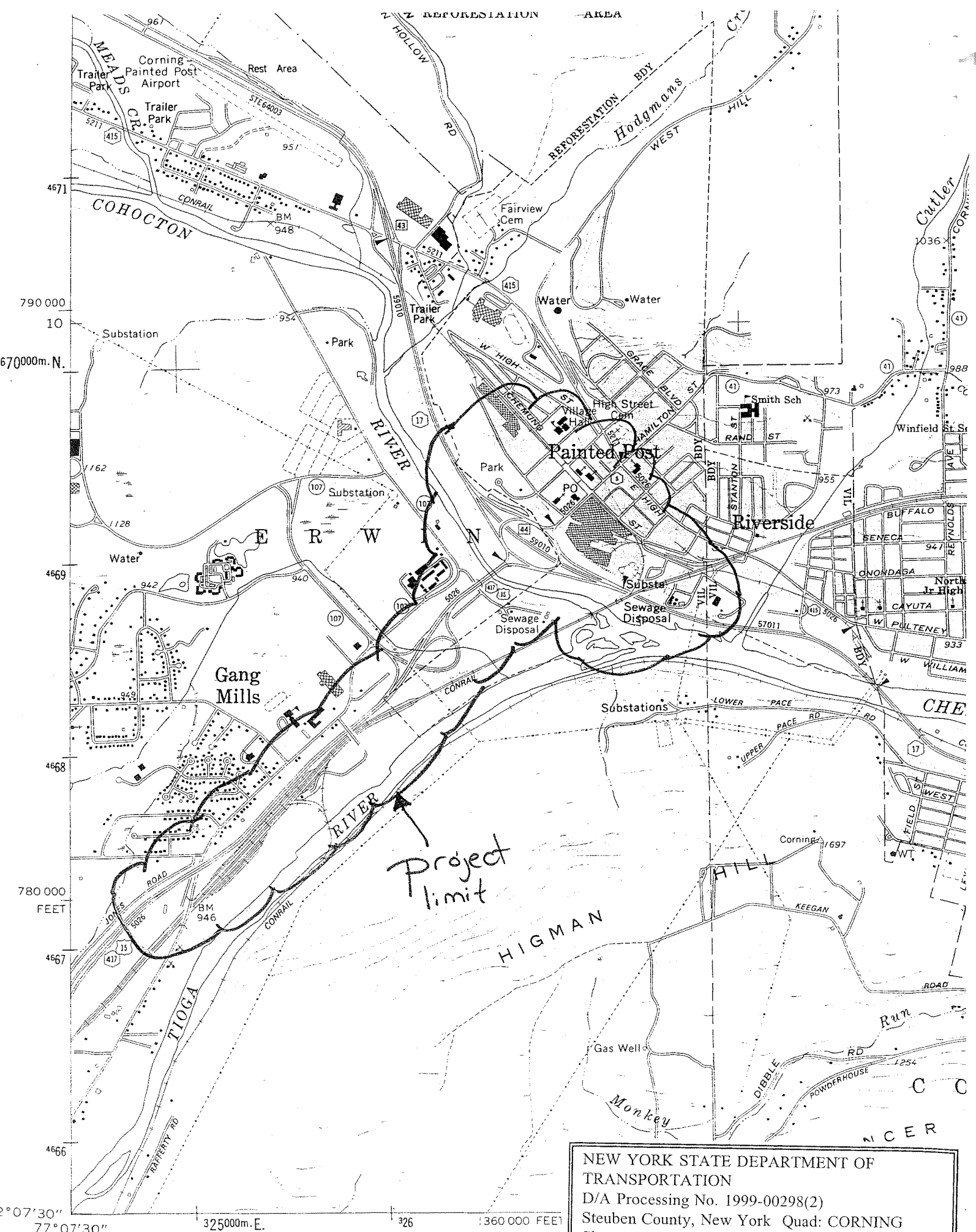
this application. A Corps hearing is not a source of information for the general public, nor a forum for the resolution of issues or conflicting points of view (witnesses are not sworn and cross examination is prohibited). Hearings will not be held to obtain information on issues unrelated to the work requiring a permit, such as property ownership, neighbor disputes, or the behavior or actions of the public or applicant on upland property not regulated by the Department of the Army. Information obtained from a public hearing is given no greater weight than that obtained from written comments. Therefore, you should not fail to make timely written comments because a hearing might be held.

The decision to approve or deny this permit request will be based on an evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among these are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Thomas C. Switala
Chief, Regulatory Branch

NOTICE TO POSTMASTER: It is requested that this notice be posted continuously and conspicuously for 30 days from the date of issuance.



REVISED COMPARISON OF WETLAND IMPACTS

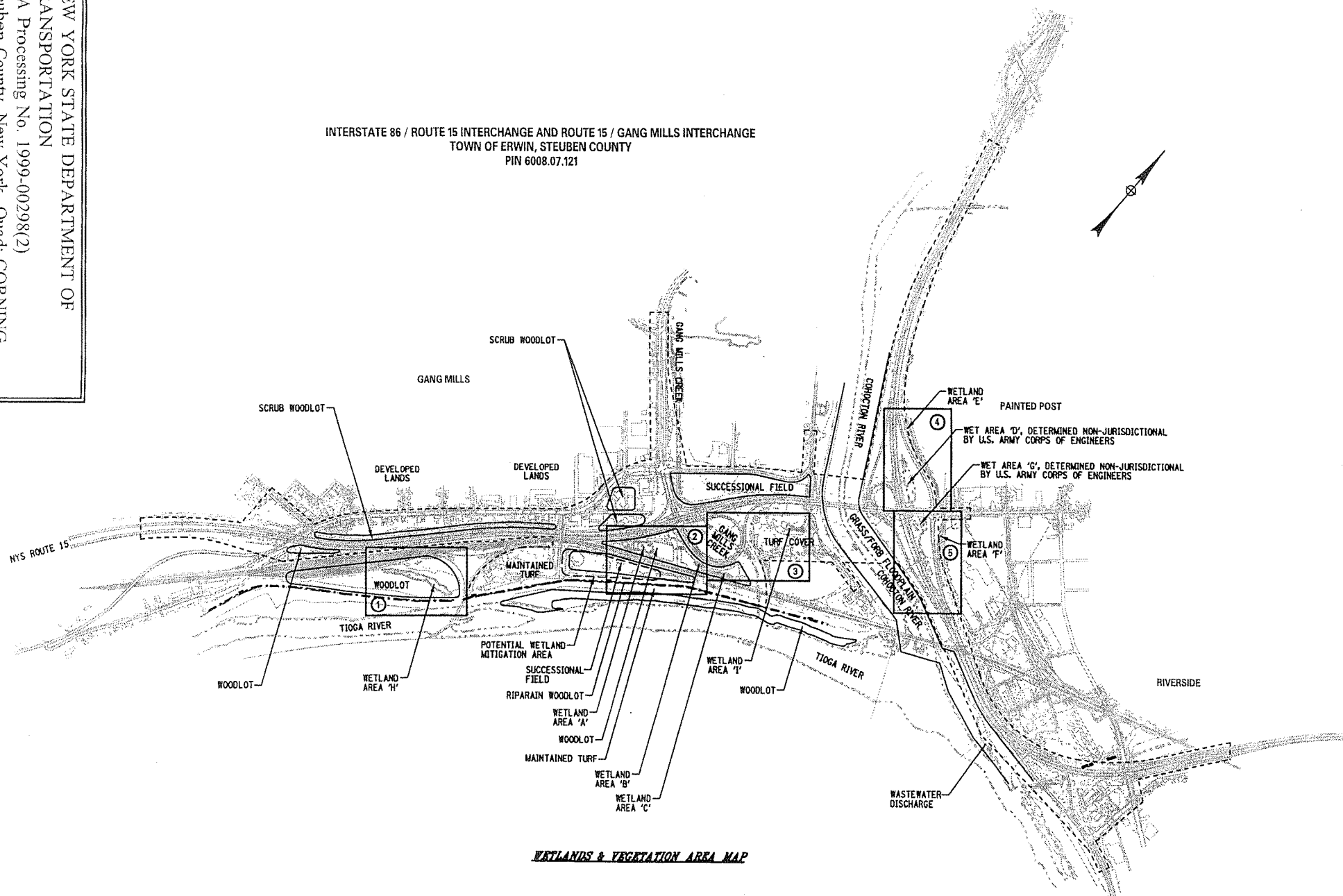
See Sheet #	Wetland	Location	Size (Acres)	Dominant Cover Type	Final Design Impact Area (Acres)	Reason for Impact
5	A	Directly east of Rte. 15, west of Norfolk Southern, north of Lumber Street	0.96	Marsh/wooded	0.37	Minor grading associated with new Route 15 roadway embankment.
5	B	Directly east of Rte. 15, west of Norfolk Southern, north of Lumber Street	0.07	Wooded, red maple & green ash	0.07	Areas eliminated in order to accommodate outfall swale. May revert to wetland.
6	C	Directly east of Rte. 15, west of Norfolk Southern, north of Lumber Street	0.11	Wooded, red maple and green ash	0.11	
7	E	North of westbound I-86/15 on ramp, west of Hamilton Street	0.74 1184 ft. in length	Cattail	0.74	Grading. Realignment of swales.
8	F	North of westbound I-86/15 exit ramp to Hamilton Street	0.23	Cattail	0.23	
4	H	Immediately east of Norfolk Southern RR and south of Lumber St	1.31	duckweed	0.07	Minor grading associated with new RR Access Drive.
6	I	West of Town of Erwin composting facility	0.20	reed canary grass, green ash saplings	0.20	Area eliminated due to construction of new Route 15 corridor.
	CN-2	North & West of the Robert Dann Drive / Chatfield Place intersection			0	No impact to wetland proper.
		Totals:	3.62 Ac		1.79 Ac	

Notes: Areas D and G are not considered waters of the United States. (See sheets 7+ 8)

The calculated impact for Wetland CN-2 is solely to the wetland adjacent area (2.68 acres) and not to the actual wetland area.

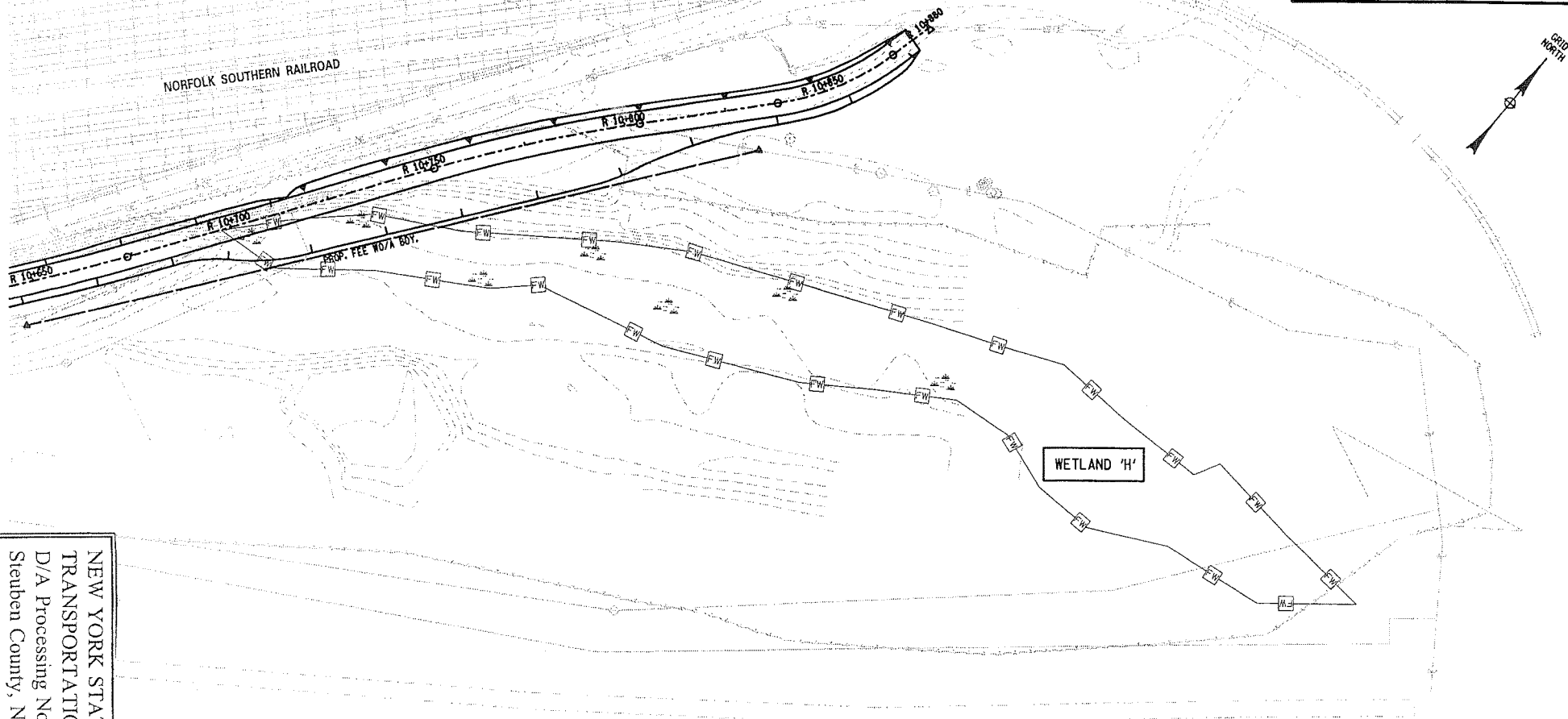
NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
D/A Processing No. 1999-00298(2)
Steuben County, New York Quad: CORNING
Sheet 2 of 36

INTERSTATE 86 / ROUTE 15 INTERCHANGE AND ROUTE 15 / GANG MILLS INTERCHANGE
TOWN OF ERWIN, STEUBEN COUNTY
PIN 6008.07.121

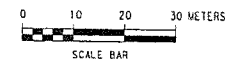



WETLANDS & VEGETATION AREA MAP

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE				
U.S. ROUTE 15 / GANG MILLS INTERCHANGE				
TOWN OF ERWIN				
STEBEN COUNTY, NEW YORK				
P.I.N. 6008.40			S.I.N.	



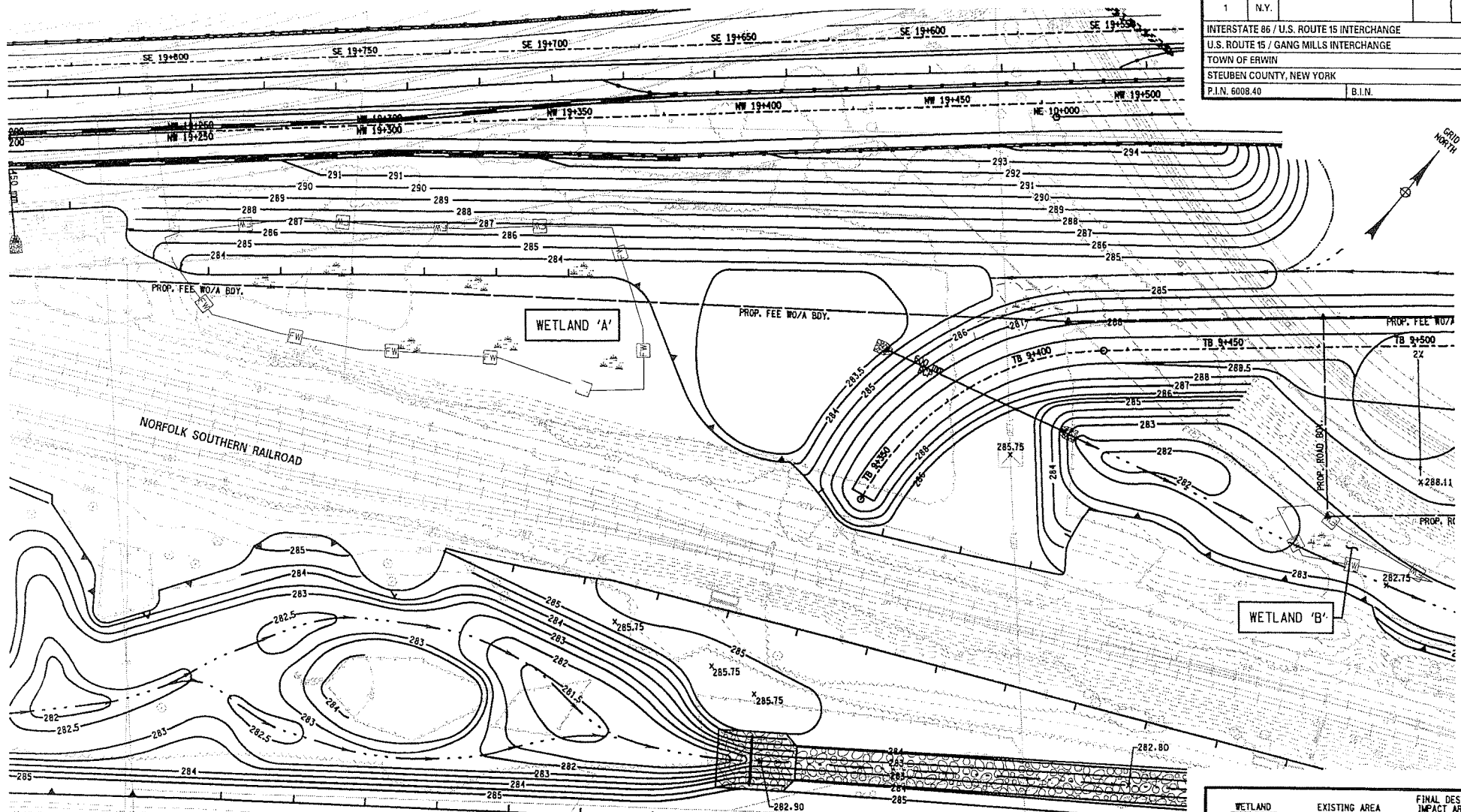
NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
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Steben County, New York Quad: CORNING
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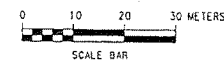
WETLAND	EXISTING AREA	FINAL DESIGN IMPACT AREA
H	1.31 AC.	0.07 AC.
WETLAND AREA 'H' IMPACT		
 SEAR-BROWN		STATE OF NEW YORK DEPT. OF TRANSPORTATION
FILENAME a.pln	REGION 0	DATE 6 / 03
		DRAWING NO. 1

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			

INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE
U.S. ROUTE 15 / GANG MILLS INTERCHANGE
TOWN OF ERWIN
STEBEN COUNTY, NEW YORK
P.I.N. 6008.40
B.I.N.



NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
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Steuben County, New York Quad: CORNING
Sheet 5 of 36



WETLAND	EXISTING AREA	FINAL DESIGN IMPACT AREA
A	0.96 AC.	0.37 AC.
B	0.07 AC.	0.07 AC.

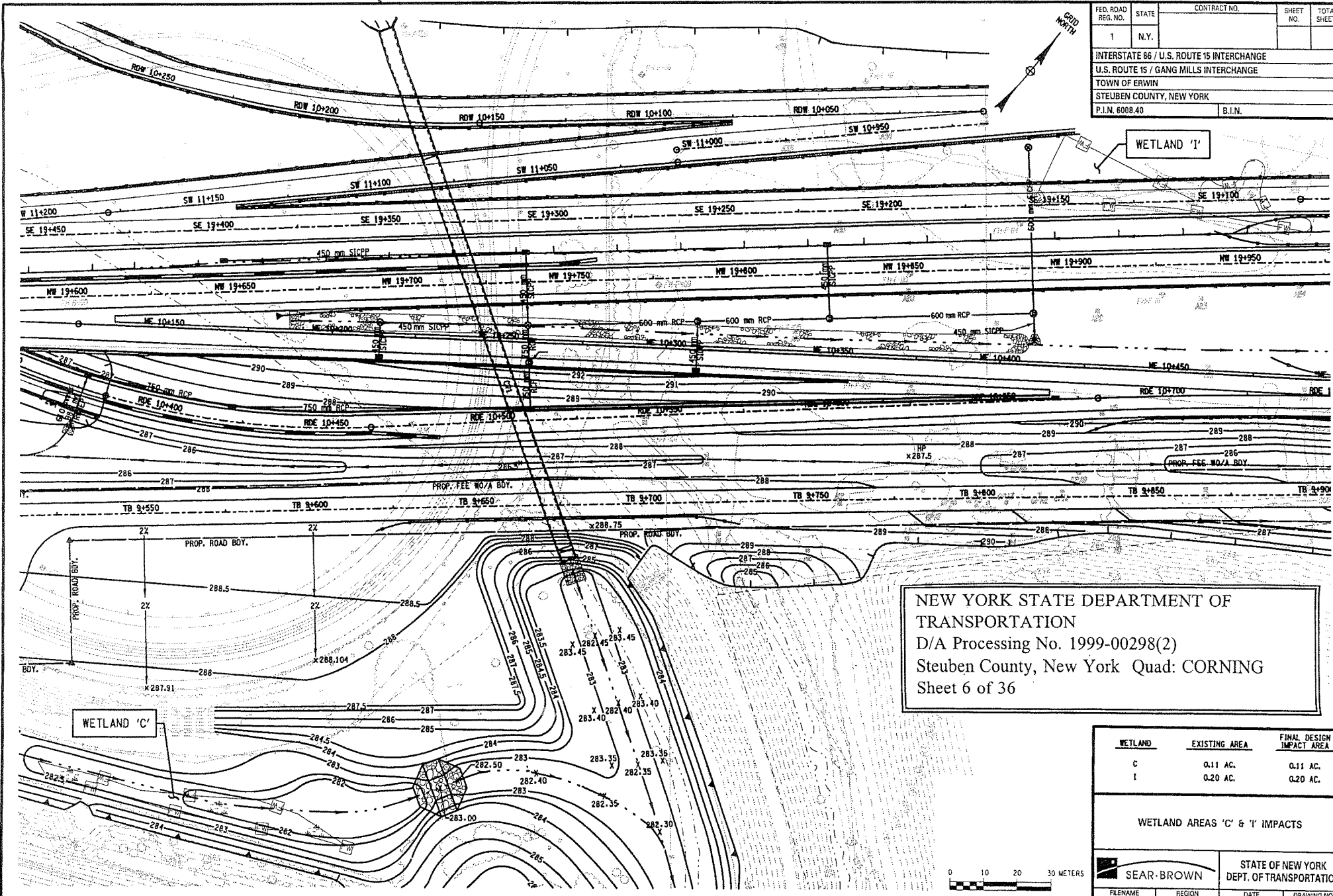
WETLAND AREAS 'A' & 'B' IMPACTS			
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SEAR-BROWN		STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME aa.plt	REGION 6	DATE 6/03	DRAWING NO. 2

Gang Mills Creek

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			

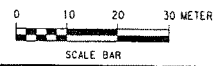
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE
U.S. ROUTE 15 / GANG MILLS INTERCHANGE
TOWN OF ERWIN
STEBEN COUNTY, NEW YORK
P.I.N. 6008.40 B.I.N.



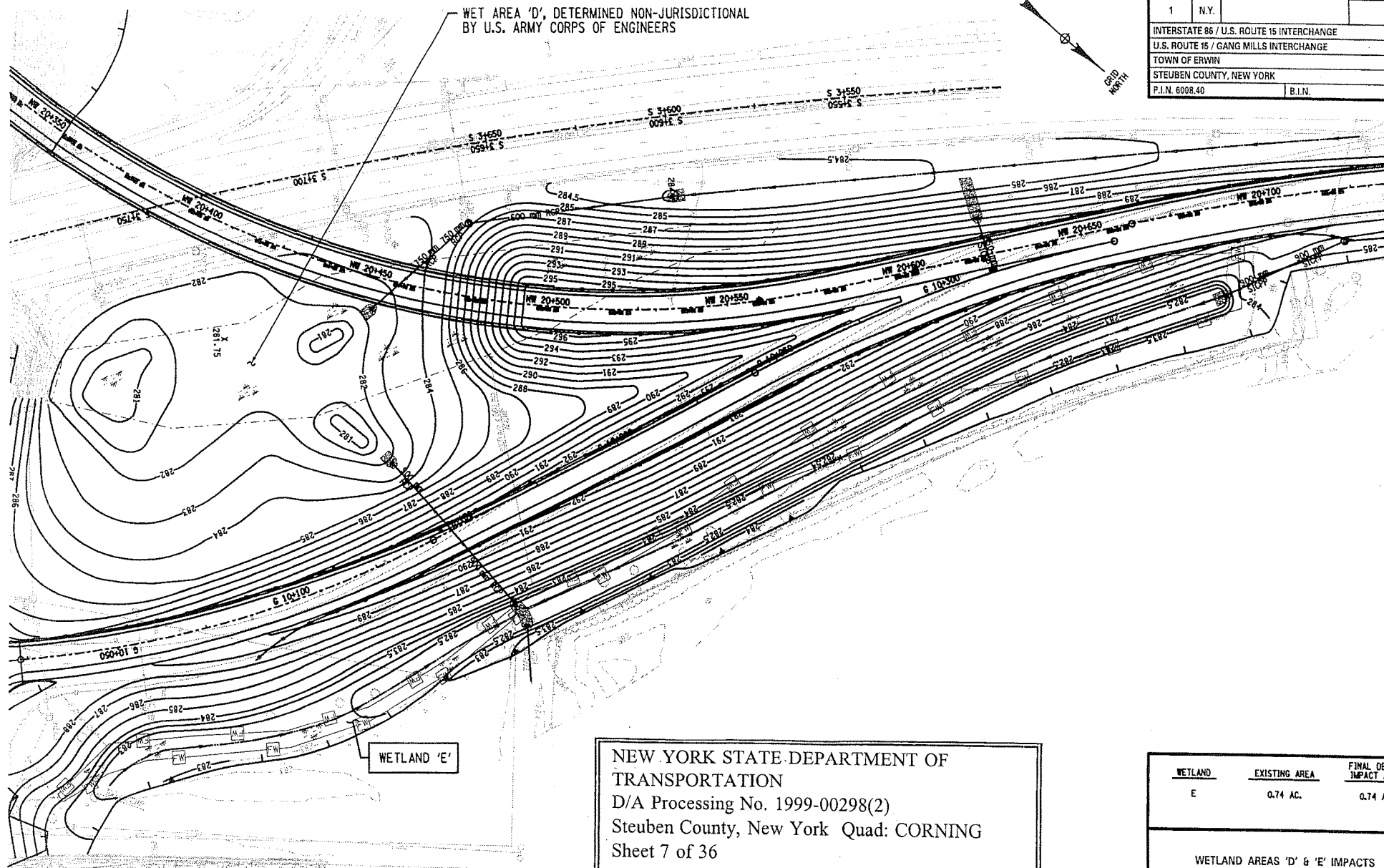
NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
D/A Processing No. 1999-00298(2)
Steuben County, New York Quad: CORNING
Sheet 6 of 36

WETLAND	EXISTING AREA	FINAL DESIGN IMPACT AREA
C	0.11 AC.	0.11 AC.
I	0.20 AC.	0.20 AC.

WETLAND AREAS 'C' & 'I' IMPACTS



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FILENAME ab.pln	REGION 6	DATE 6/03	DRAWING NO. 3

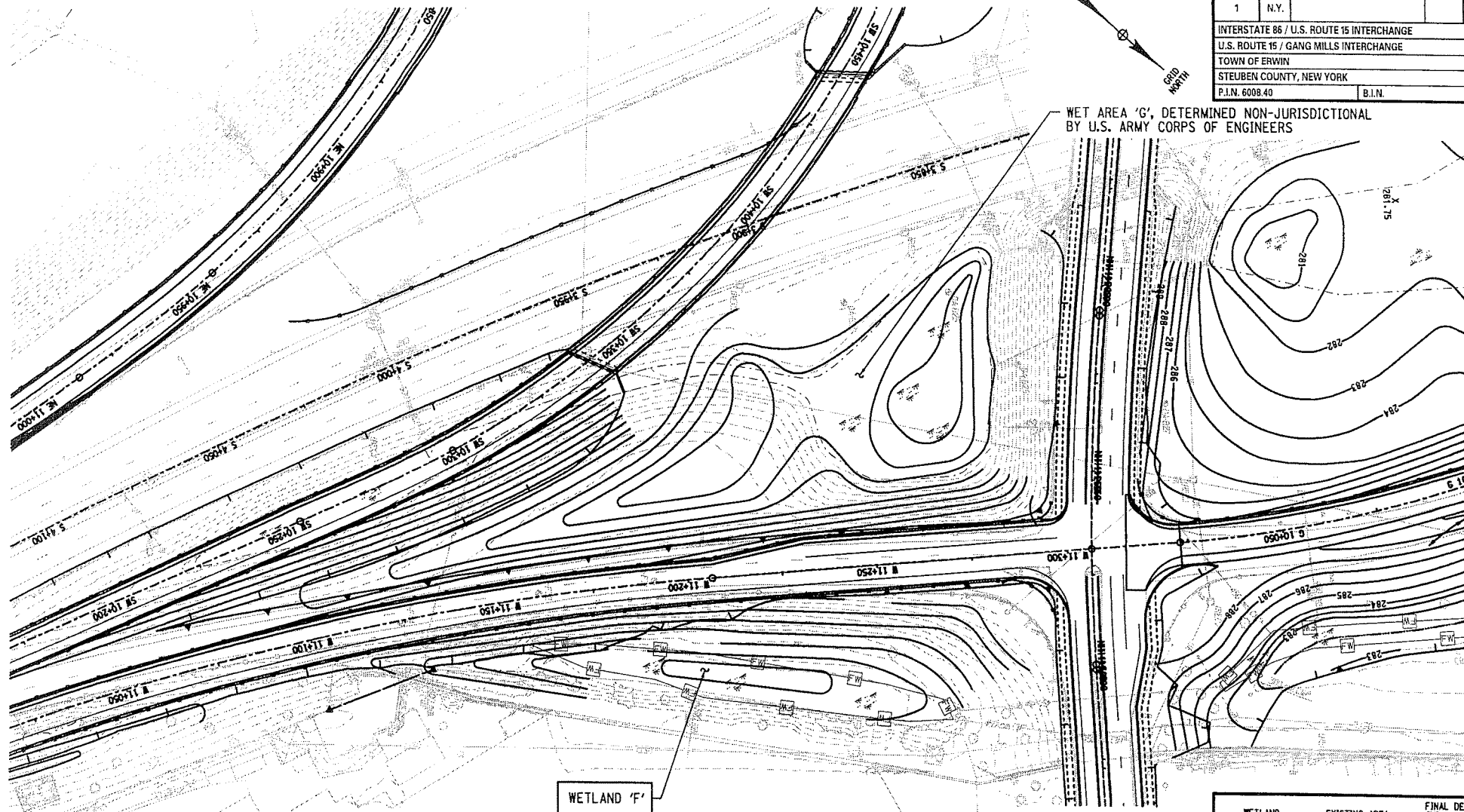


FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
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INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE				
U.S. ROUTE 15 / GANG MILLS INTERCHANGE				
TOWN OF ERWIN				
STEBEN COUNTY, NEW YORK				
P.I.N. 6008,40			B.I.N.	

WETLAND	EXISTING AREA	FINAL DESIGN IMPACT AREA
E	0.74 AC.	0.74 AC.
WETLAND AREAS 'D' & 'E' IMPACTS		
SEAR-BROWN		STATE OF NEW YORK DEPT. OF TRANSPORTATION
FILENAME ac.pln	REGION 6	DATE 6 / 03
		DRAWING NO. 4

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE				
U.S. ROUTE 15 / GANG MILLS INTERCHANGE				
TOWN OF ERWIN				
STEBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	

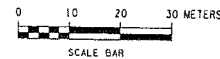
WET AREA 'G', DETERMINED NON-JURISDICTIONAL
BY U.S. ARMY CORPS OF ENGINEERS

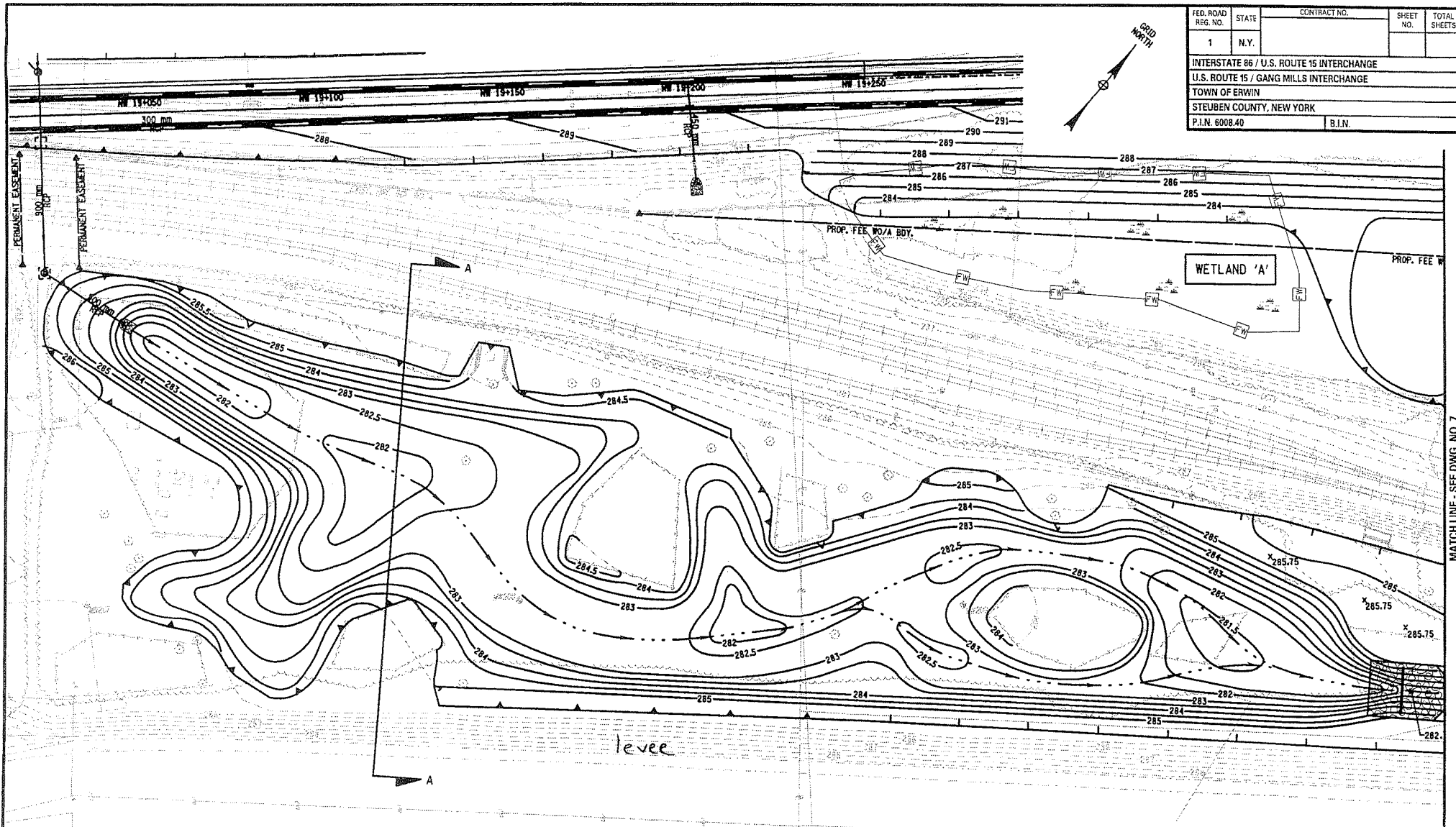


WETLAND 'F'

NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
D/A Processing No. 1999-00298(2)
Steuben County, New York Quad: CORNING
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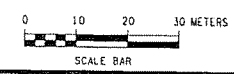
WETLAND	EXISTING AREA	FINAL DESIGN IMPACT AREA
F	0.23 AC.	0.23 AC.
WETLAND AREAS 'F' & 'G' IMPACTS		
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FILENAME ad.pln	REGION 6	DATE 6 / 03
		DRAWING NO. 5





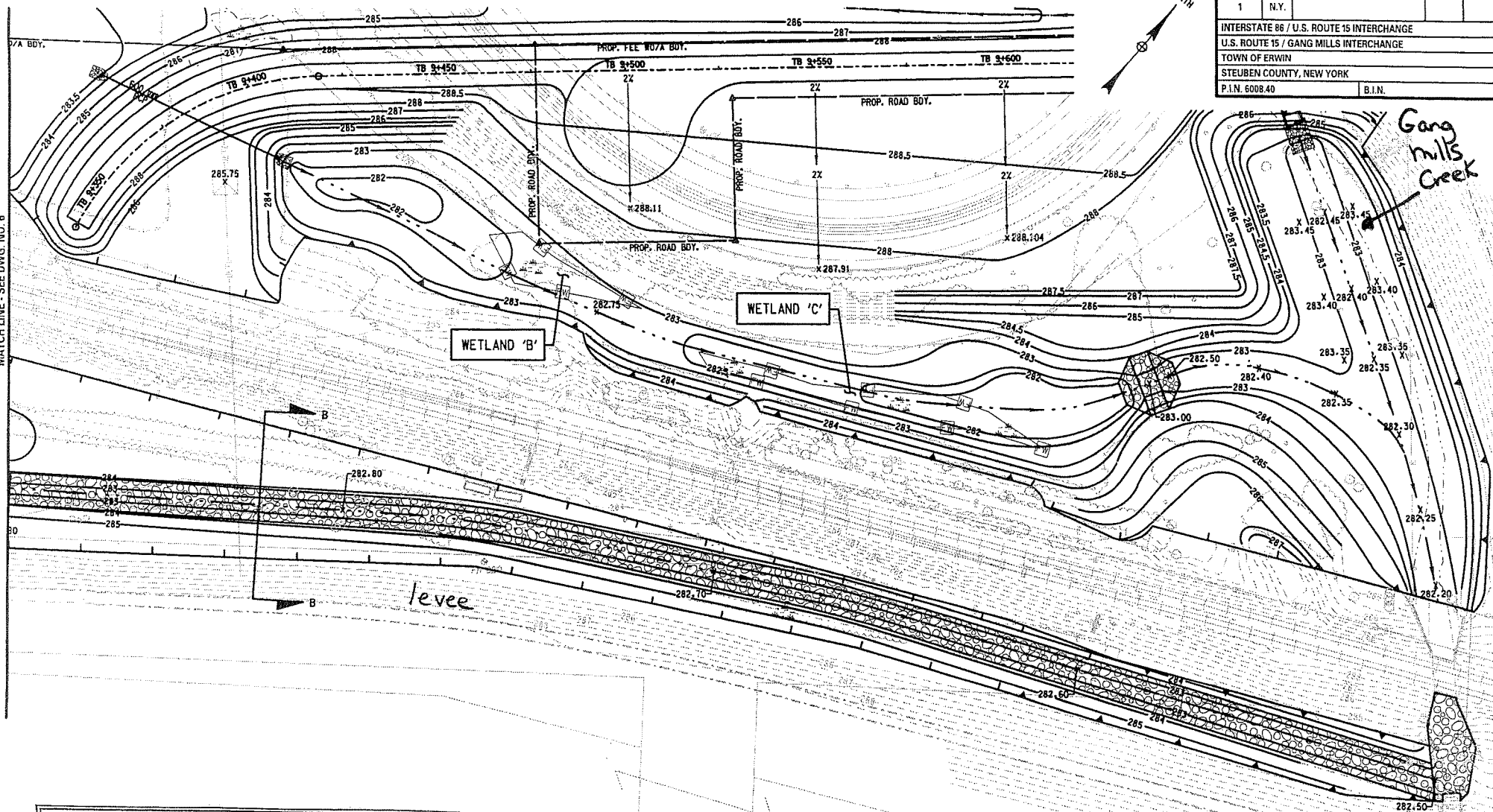
FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
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INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE				
U.S. ROUTE 15 / GANG MILLS INTERCHANGE				
TOWN OF ERWIN				
STEBEN COUNTY, NEW YORK				
P.I.N. 6008.40			S.I.N.	

NEW YORK STATE DEPARTMENT OF
 TRANSPORTATION
 D/A Processing No. 1999-00298(2)
 Steuben County, New York Quad: CORNING
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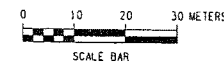
PROPOSED WETLAND MITIGATION AREA GRADING PLAN			
SEAR-BROWN		STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME ae.pln	REGION 6	DATE 6 / 03	DRAWING NO. 6

MATCH LINE - SEE DWG. NO. 6



FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE				
U.S. ROUTE 15 / GANG MILLS INTERCHANGE				
TOWN OF ERWIN				
STEBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	

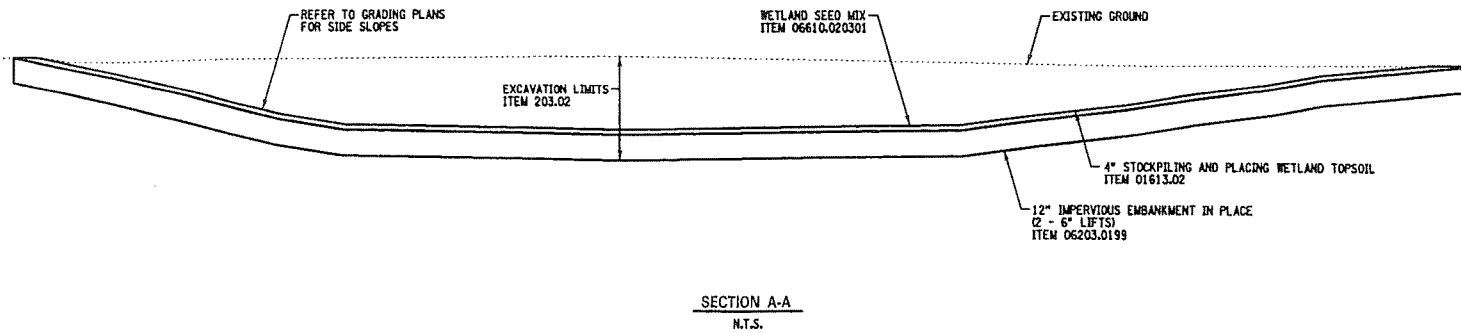
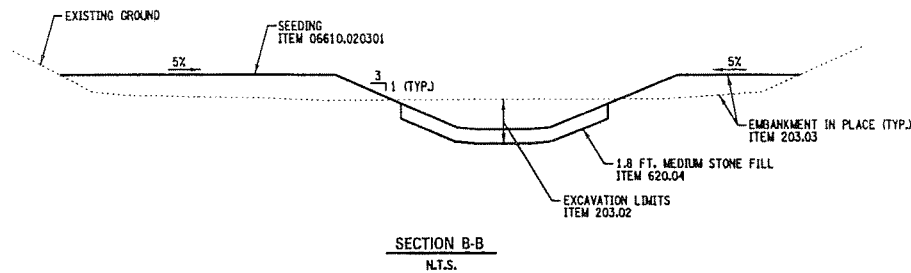
NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
D/A Processing No. 1999-00298(2)
Steuben County, New York Quad: CORNING
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PROPOSED WETLAND MITIGATION AREA GRADING PLAN			
SEAR-BROWN		STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME af.pln	REGION 6	DATE 5 / 03	DRAWING NO. 7

NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
D/A Processing No. 1999-00298(2)
Steuken County, New York Quad: CORNING
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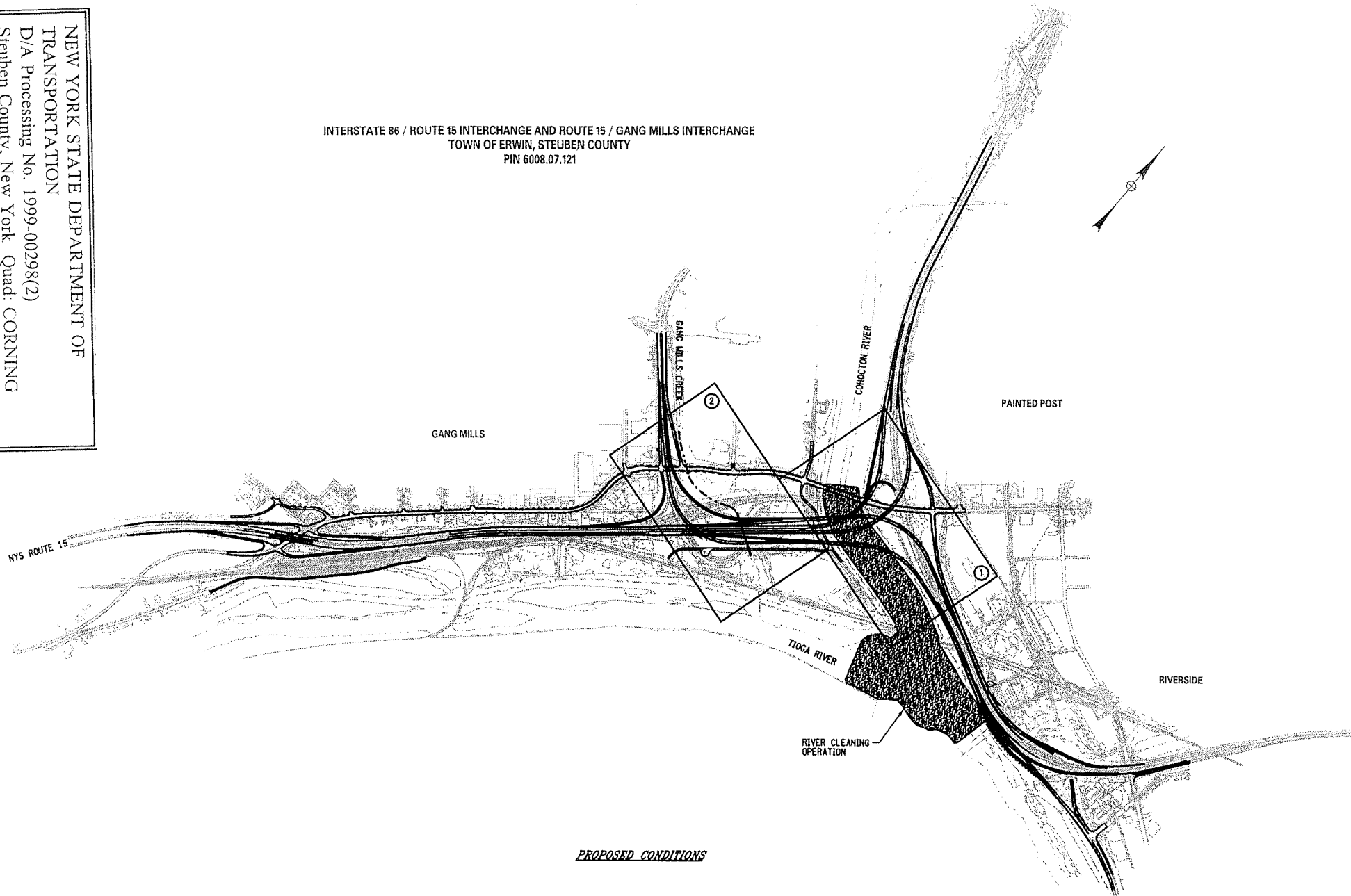
FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE				
U.S. ROUTE 15 / GANG MILLS INTERCHANGE				
TOWN OF ERWIN				
STEUEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	



SECTIONS			
SEAR-BROWN		STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME sg.pln	REGION 6	DATE 6 / 03	DRAWING NO. 2

NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
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Steuben County, New York Quad: CORNING
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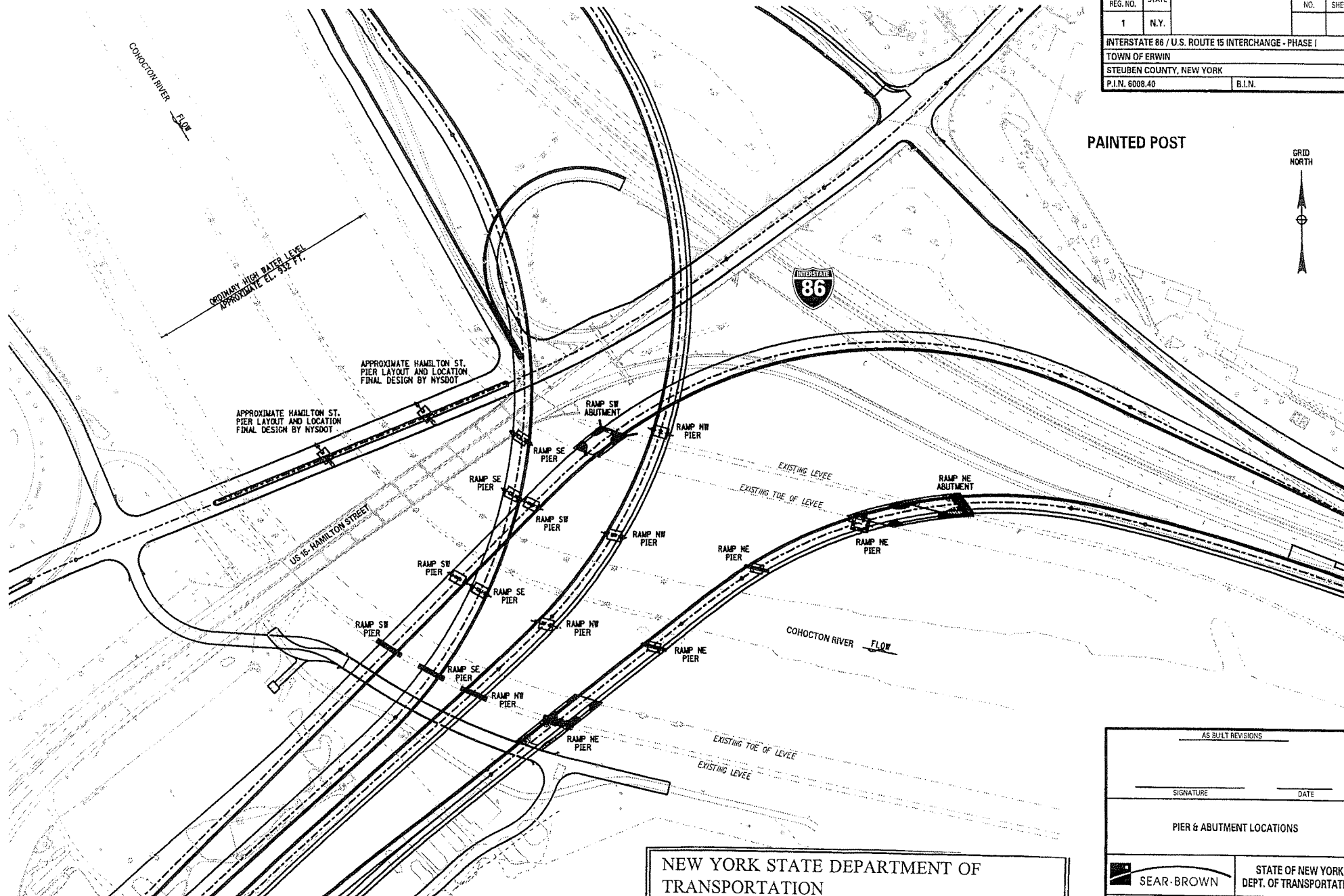
INTERSTATE 86 / ROUTE 15 INTERCHANGE AND ROUTE 15 / GANG MILLS INTERCHANGE
TOWN OF ERWIN, STEUBEN COUNTY
PIN 6008.07.121




PROPOSED CONDITIONS

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE - PHASE I				
TOWN OF ERWIN				
STEUBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	

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NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
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Steuben County, New York Quad: CORNING
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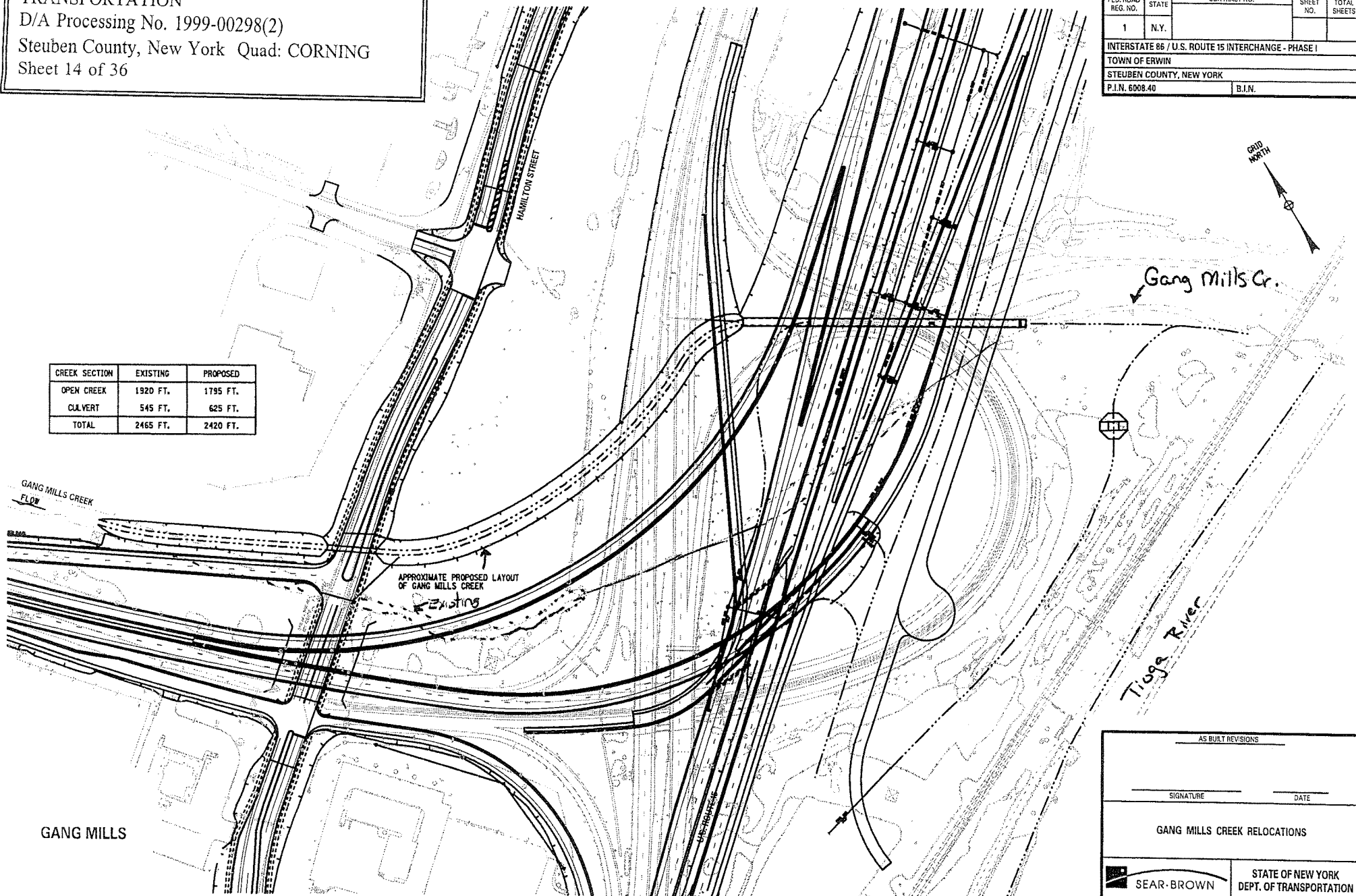
<u>AS BUILT REVISIONS</u>			
<u>SIGNATURE</u>		<u>DATE</u>	
PIER & ABUTMENT LOCATIONS			
 SEAR-BROWN		STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME	REGION	DATE	DRAWING NO.
	6	6 / 03	1

NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
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Steuben County, New York Quad: CORNING
Sheet 14 of 36

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			

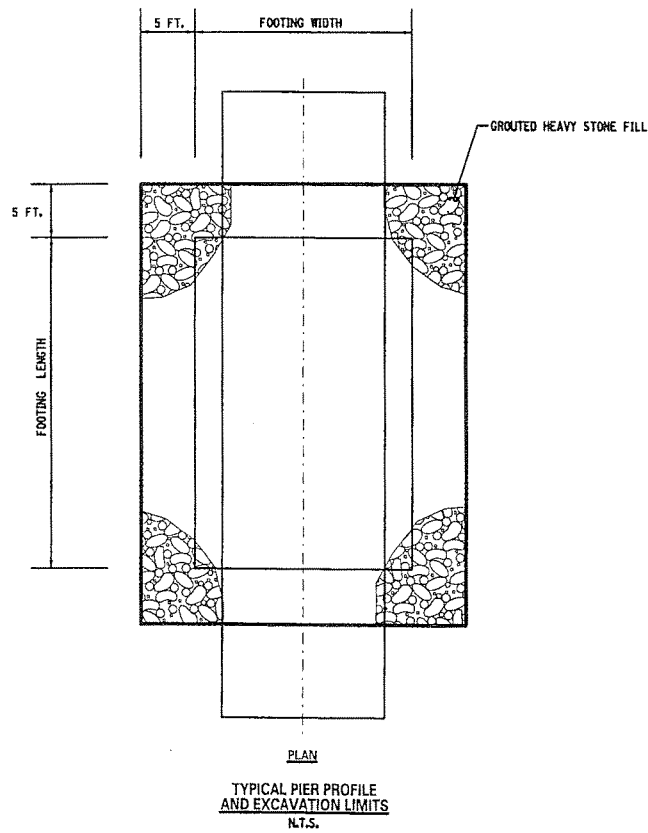
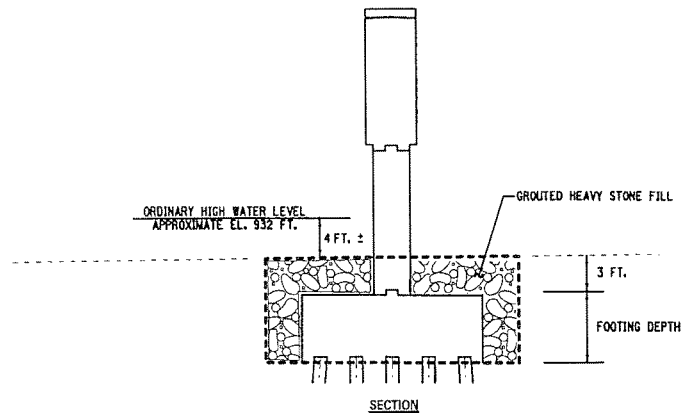
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE - PHASE I				
TOWN OF ERWIN				
STEBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.J.N.	

CREEK SECTION	EXISTING	PROPOSED
OPEN CREEK	1920 FT.	1795 FT.
CULVERT	545 FT.	625 FT.
TOTAL	2465 FT.	2420 FT.



AS BUILT REVISIONS			
SIGNATURE		DATE	
GANG MILLS CREEK RELOCATIONS			
SEAR-BROWN		STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME	REGION	DATE	DRAWING NO.
	6	6 / 03	2

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE				
U.S. ROUTE 15 / GANG MILLS INTERCHANGE				
TOWN OF ERWIN				
STEBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	

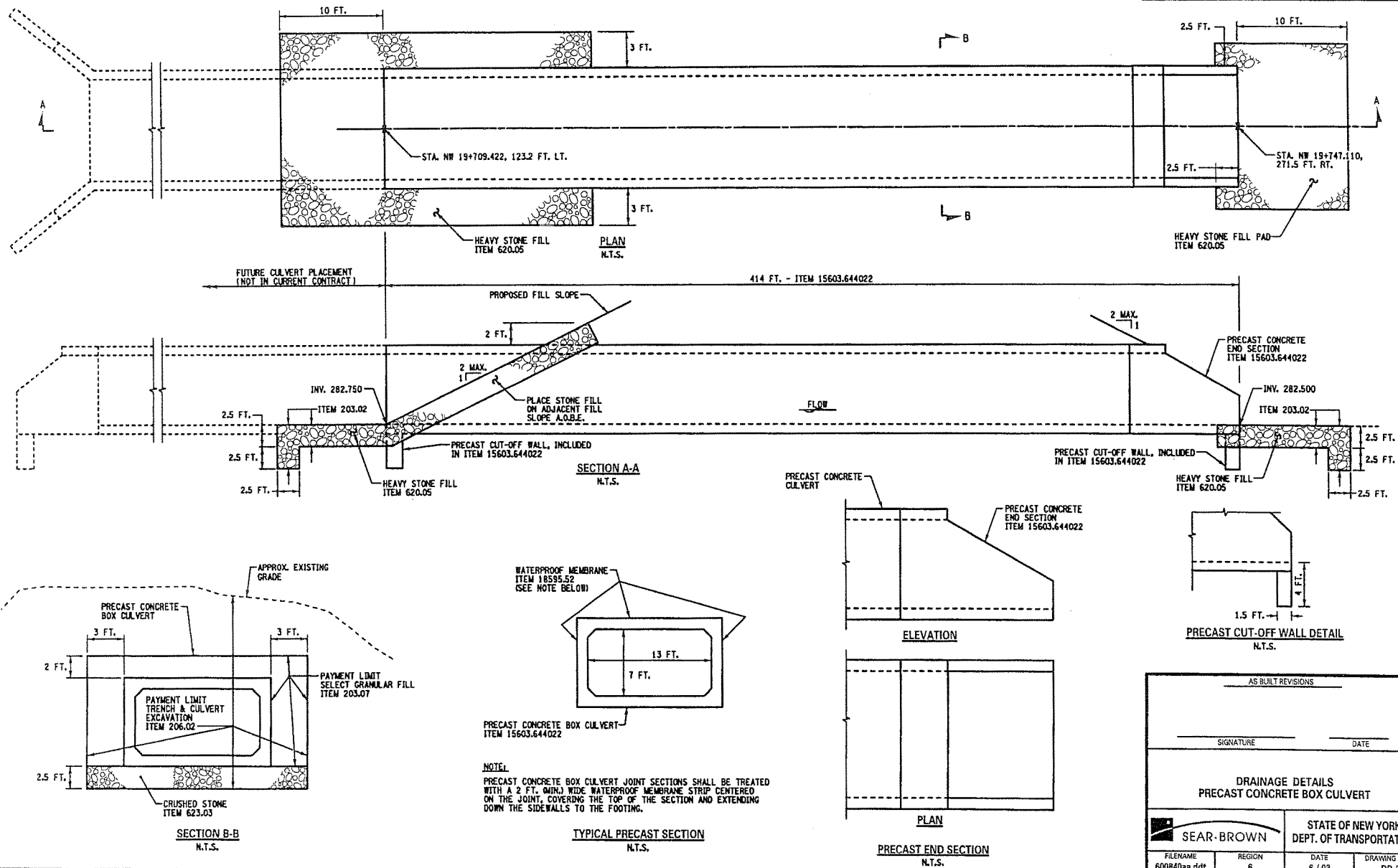


NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
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Steben County, New York Quad: CORNING
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AS BUILT REVISIONS			
SIGNATURE		DATE	
PIER & ABUTMENT DETAILS			
SEAR·BROWN		STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME	REGION	DATE	DRAWING NO.
	6	2 / 03	3

NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
D/A Processing No. 1999-00298(2)
Steuben County, New York Quad: CORNING
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FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			
INTERSTATE 88 / U.S. ROUTE 15 INTERCHANGE - PHASE I				
TOWN OF ERWIN				
STEUBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	

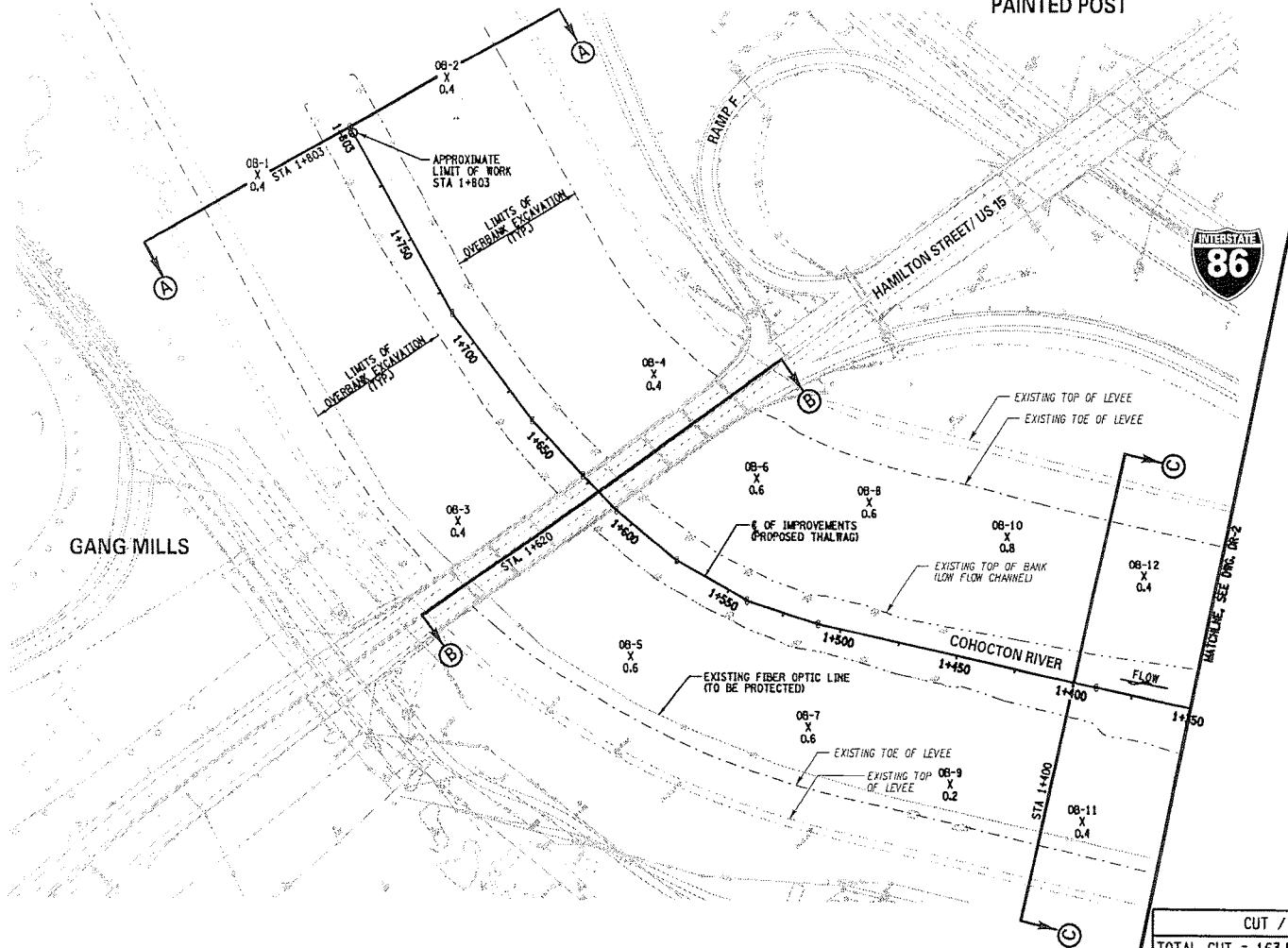


AS BUILT REVISIONS			
SIGNATURE		DATE	
DRAINAGE DETAILS PRECAST CONCRETE BOX CULVERT			
SEAR-BROWN		STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME 600840aa.ddt	REGION 6	DATE 6 / 03	DRAWING NO. DD-2

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEET
1	N.Y.	D259418		661
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE - PHASE I				
TOWN OF ERWIN				
STEUBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	



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NOTES:

1. REFER TO DRAWINGS DR-6 TO DR-9 FOR EXISTING CROSS-SECTIONS REFLECTING PROPOSED CHANNEL IMPROVEMENTS.
2. INSTALL TWO (2) PERMANENT SURVEY MARKERS FOR FUTURE MONITORING. ITEM 625.06, FINAL LOCATION OF PERMANENT SURVEY MARKERS (BENCHMARKS) SHALL HAVE CLEAR SIGHT LINES TO THE RIVER, AND SHALL BE LOCATED TO THE SATISFACTION OF THE ENGINEER-IN-CHARGE IN COORDINATION WITH THE NYSDEC.
3. REFER TO DRAWING DR-10 FOR CONSTRUCTION STAGING DETAILS WITHIN THE COHOCTON RIVER LOW FLOW CHANNEL.
4. REFER TO DRAWING DR-4 FOR TYPICAL CHANNEL SECTIONS REFLECTING PROPOSED CHANNEL IMPROVEMENTS.
5. SEE DRAWING DR-12 FOR POINT COORDINATES.
6. ACTUAL EXCAVATION LIMITS MAY VARY. ALL PROPOSED EXCAVATION LIMITS SHALL BE APPROVED BY THE ENGINEER-IN-CHARGE.
7. CONTRACTOR SHALL PROTECT ALL UTILITIES. SPECIAL ATTENTION SHOULD BE GIVEN TO LOCATING AND PROTECTING THE EXISTING FIBER OPTIC LINE.

LEGEND

OB-2 X 1.3	OVERBANK POINT NAME/ DEPTH OF EXCAVATION (m)
1+100	EXISTING TOP OF BANK LOW FLOW CHANNEL
1+100	PROP. THALWAG

COHOCTON RIVER & IMPROVEMENT ALIGNMENT	
STATION	COORDINATES
1+390	N 239358.97 E 207661.74
1+510	N 239384.63 E 207544.98
1+541	N 239384.15 E 207514.94
1+575	N 239411.18 E 207485.39
1+608	N 239432.22 E 207459.86
1+629	N 239446.75 E 207445.84
1+660	N 239469.30 E 207424.30
1+715	N 239513.39 E 207390.75
1+803	N 239589.89 E 207348.19

OVER BANK SOIL REMOVAL NOTES:

1. WORK LIMITS:
PAINTED POST SIDE: STA. 1+195 TO STA. 1+803;
GANG MILLS SIDE: STA. 1+000 TO STA. 1+803;
2. REFER TO DWG. DR-4 FOR REQUIRED OVERBANK EXCAVATION.
3. SILT FENCE ITEM 209.13 SHALL BE INSTALLED ALONG TOP OF BANK OF LOW FLOW CHANNEL WITHIN THE LIMITS OF THE OVERBANK EXCAVATION.

IMPORTANT

IN-STREAM WORK RESTRICTIONS:

THE CONTRACTOR SHALL NOT ENTER THE WATERS OF ANY OF THE THREE (3) RIVERS (COHOCTON, TIAGA OR CHEMUNG) DURING THE FOLLOWING NYSDEC IDENTIFIED PERIOD:

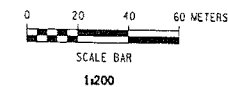
MARCH 15 TO JUNE 30

CUT / FILL SUMMARY TABLE

TOTAL CUT = 163,500 CY
TOTAL FILL (PERMANENT - 11 NEW PIERS) = 335 CY
TOTAL FILL (TEMPORARY - ACCESS RD.) = 490 CY

NOTE:

ALL QUANTITIES CALCULATED BELOW THE ORDINARY HIGH WATER ELEVATION (2.33 YEAR STORM EVENT)

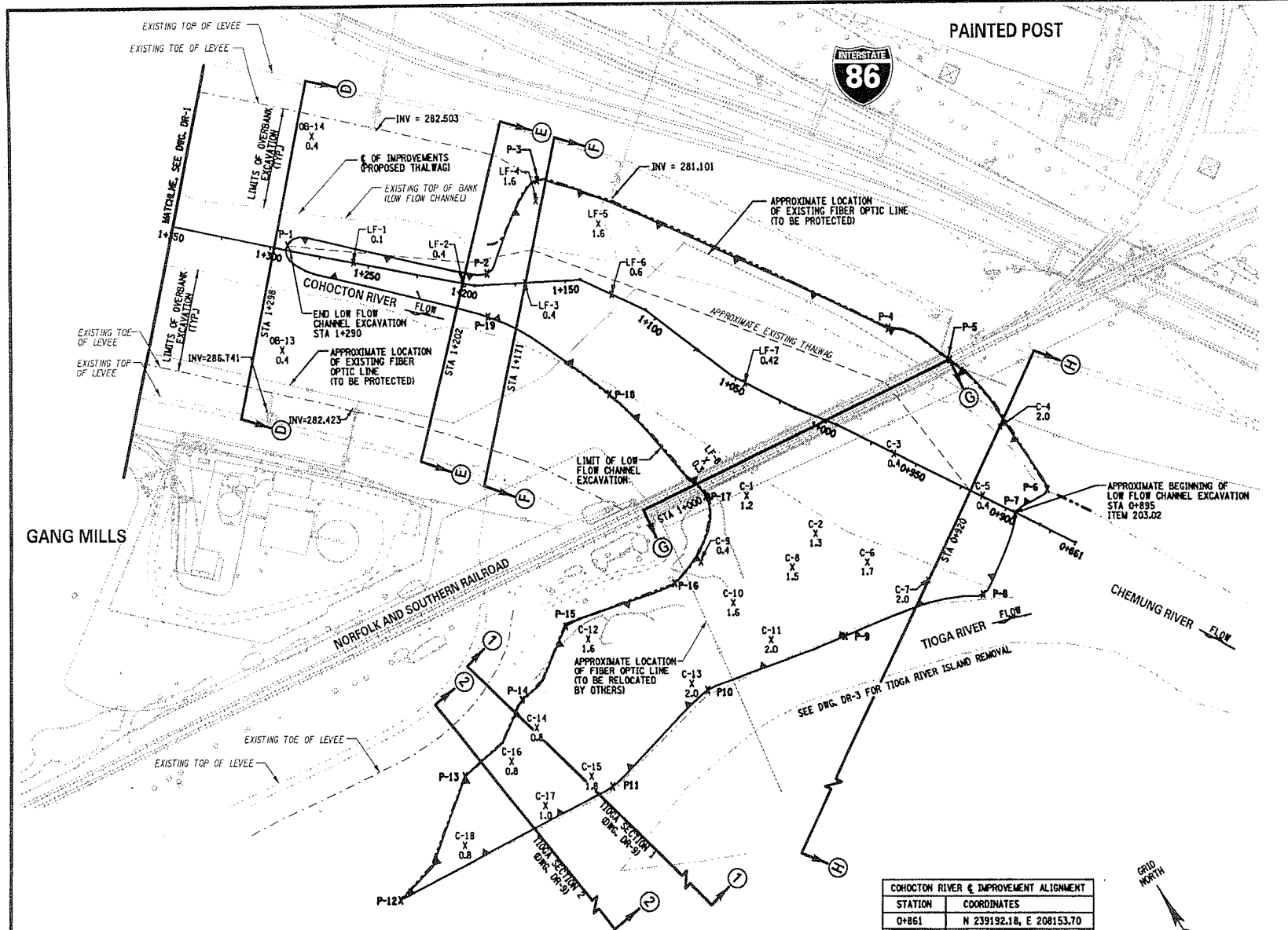


AS BUILT REVISIONS

SIGNATURE _____ DATE _____

COHOCTON RIVER AND CONFLUENCE CLEANING PLAN

SEAR-BROWN		STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME 600840a.dwg	REGION 6	DATE 6 / 03	DRAWING NO. DR-1



FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259418	661	661

INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE - PHASE I
TOWN OF ERWIN
STEUBEN COUNTY, NEW YORK
P.I.N. 6008.40 B.I.N.

NOTES:

- REFER TO DRAWINGS DR-6 TO DR-9 FOR EXISTING CROSS-SECTIONS REFLECTING PROPOSED CHANNEL IMPROVEMENTS.
- REFER TO DRAWING DR-10 FOR CONSTRUCTION STAGING DETAILS WITHIN THE COHOCTON RIVER.
- REFER TO DRAWING DR-4 FOR TYPICAL CHANNEL SECTIONS REFLECTING PROPOSED CHANNEL IMPROVEMENTS.
- REFER TO DWG. DR-3 FOR LIMITS OF THE TIOGA RIVER ISLAND REMOVAL.
- SEE DRAWING DR-12 FOR POINT COORDINATES.
- ACTUAL EXCAVATION LIMITS MAY VARY. ALL PROPOSED EXCAVATION LIMITS SHALL BE APPROVED BY ENGINEER-IN-CHARGE.
- CONTRACTOR SHALL PROTECT ALL UTILITIES. SPECIAL ATTENTION SHOULD BE GIVEN TO LOCATING AND PROTECTING THE EXISTING FIBER OPTIC LINE.

LEGEND

OB-2 X 1.3	OVERBANK POINT NAME/ DEPTH OF EXCAVATION (m)
LF-2 X 1.3	LOW FLOW POINT NAME/ DEPTH OF EXCAVATION (m)
C-2 X 1.3	CONFLUENCE POINT NAME/ DEPTH OF EXCAVATION (m)
—	EDGE OF LOW FLOW CHANNEL EXCAVATION
1+100	EXISTING TOP OF BANK LOW FLOW CHANNEL
—	PROP. THALWAG

IMPORTANT

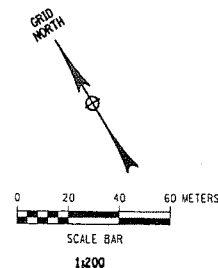
IN-STREAM WORK RESTRICTIONS:

THE CONTRACTOR SHALL NOT ENTER THE WATERS OF ANY OF THE THREE (3) RIVERS (COHOCTON, TIOGA OR CHEMUNG) DURING THE FOLLOWING NYSDC IDENTIFIED PERIOD:

MARCH 15 TO JUNE 30

NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
D/A Processing No. 1999-00298(2)
Steuben County, New York Quad: CORNING
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STATION	COORDINATES
0+861	N 239192.18, E 208153.70
1+000	N 239252.67, E 208028.67
1+017	N 239259.22, E 208012.72
1+052	N 239275.25, E 207981.28
1+106	N 239307.84, E 207938.09
1+142.64	N 239323.00, E 207905.34
1+195.38	N 239320.26, E 207852.58
1+289	N 239338.51, E 207759.90
1+390	N 239358.87, E 207661.74

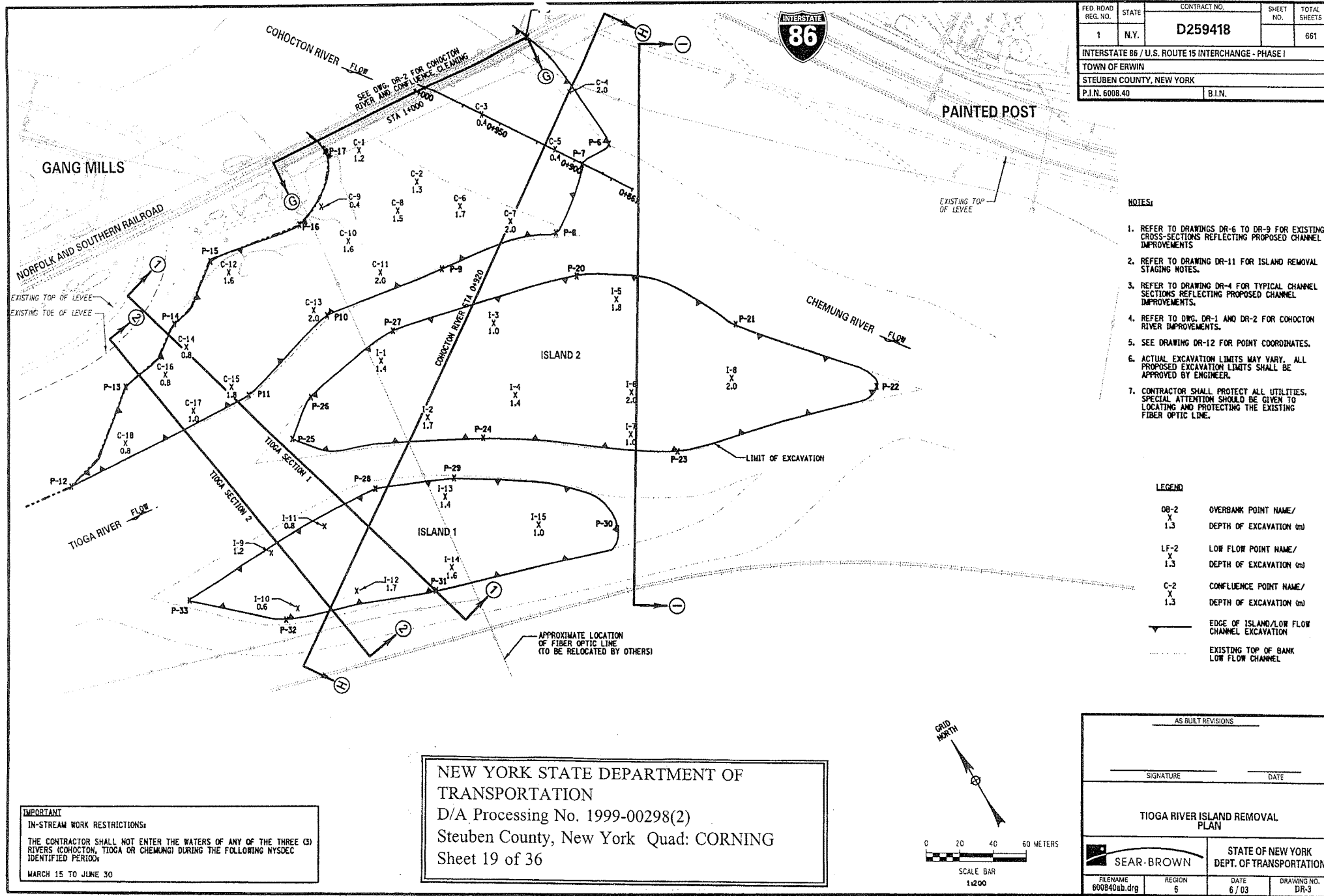


AS BUILT REVISIONS

SIGNATURE DATE

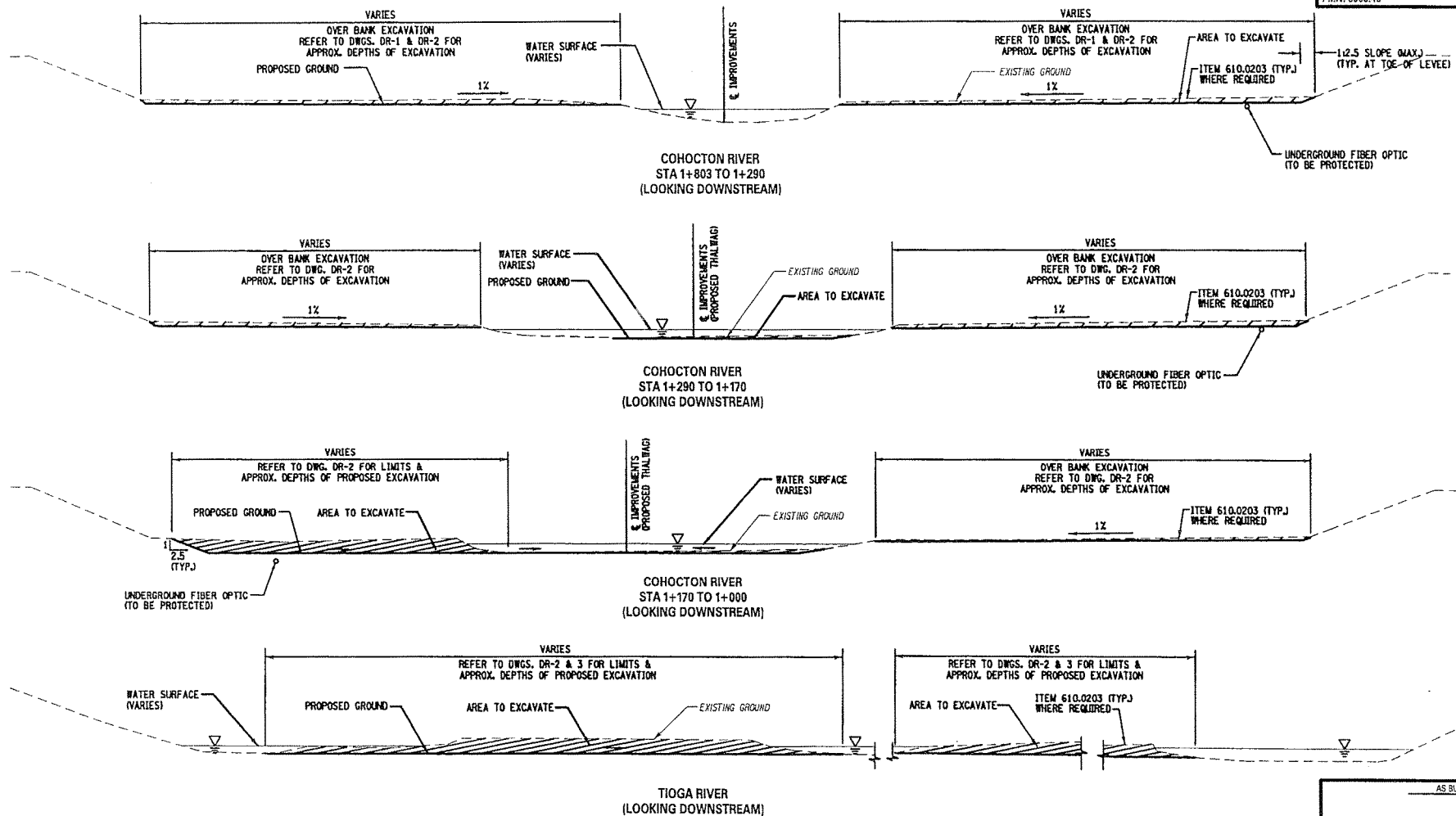
COHOCTON RIVER AND CONFLUENCE CLEANING PLAN

SEAR-BROWN		STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME 600840a.dwg	REGION 6	DATE 6 / 03	DRAWING NO. DR-2



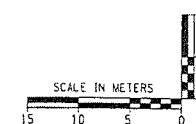
TYPICAL CHANNEL SECTIONS


FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259418		661
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE - PHASE I				
TOWN OF ERWIN				
STEUBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	



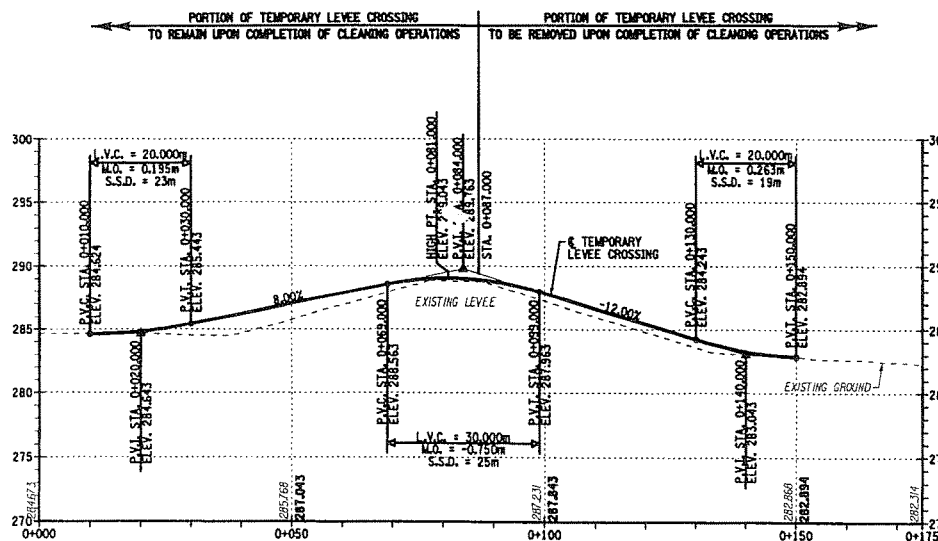
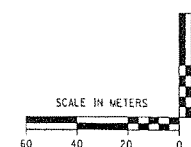
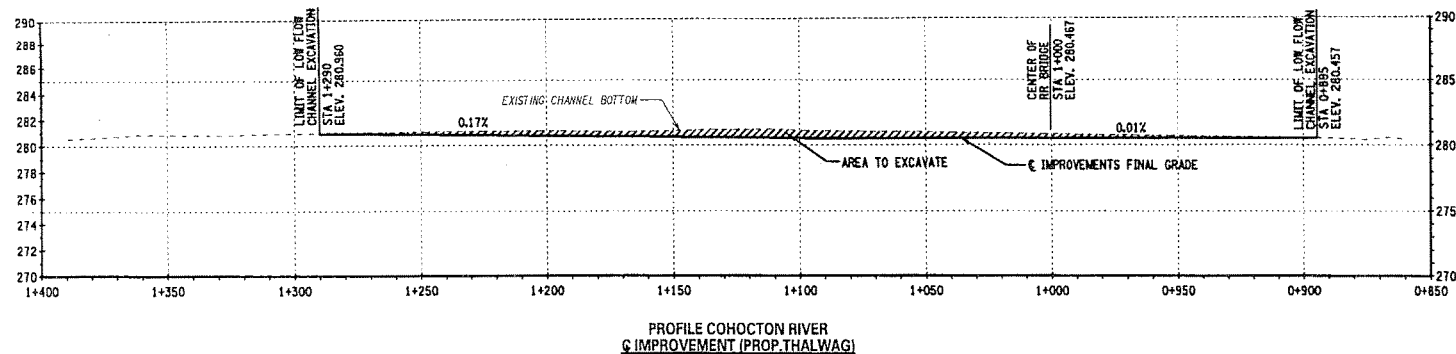
- LEGEND**
- PROPOSED EXCAVATION (ITEM 203.02)
 - NORMAL LOW FLOW WATER SURFACE
 - PROPOSED CHANNEL BOTTOM (GRADE TO DRAIN)

NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
D/A Processing No. 1999-00298(2)
Steuben County, New York Quad: CORNING
Sheet 20 of 36

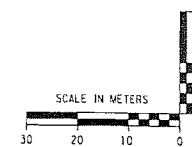


AS BUILT REVISIONS			
SIGNATURE		DATE	
TYPICAL CHANNEL SECTIONS			
 SEAR-BROWN		STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME 600840ac.dwg	REGION 6	DATE 6 / 03	DRAWING NO. DR-4

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259418		661
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE - PHASE I				
TOWN OF ERWIN				
STEUBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	



REFER TO DWG. DR-13 FOR PLAN,
HORIZONTAL ALIGNMENT DATA &
TYPICAL SECTION OF TEMPORARY LEVEE CROSSING



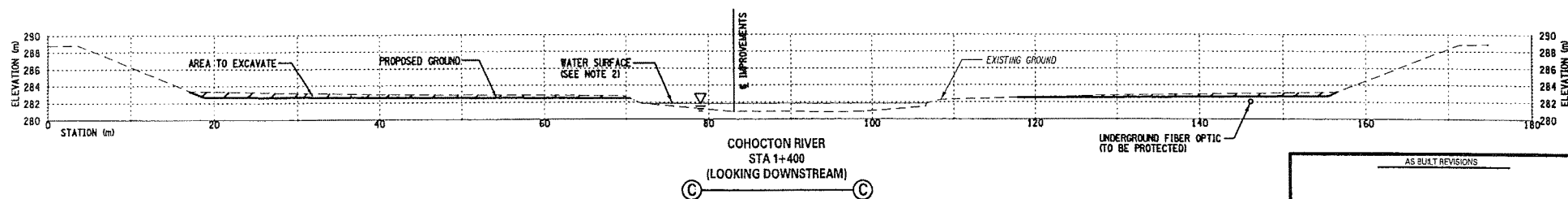
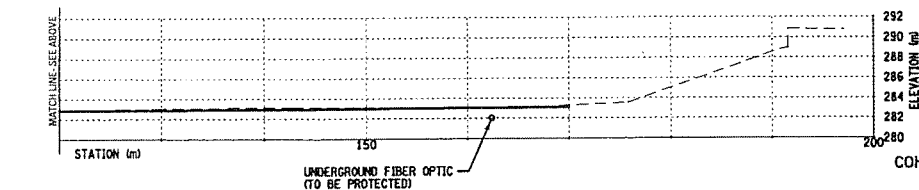
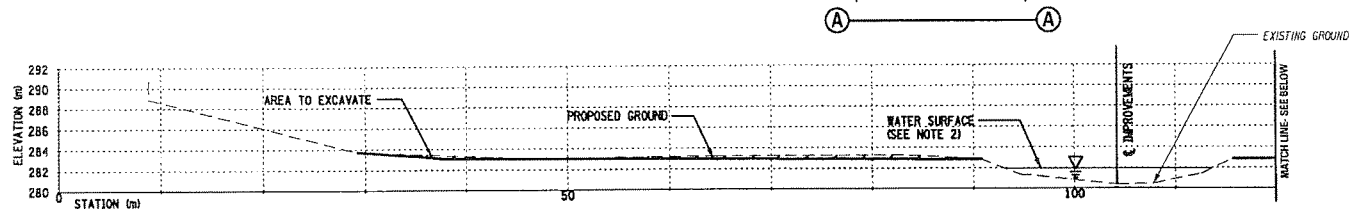
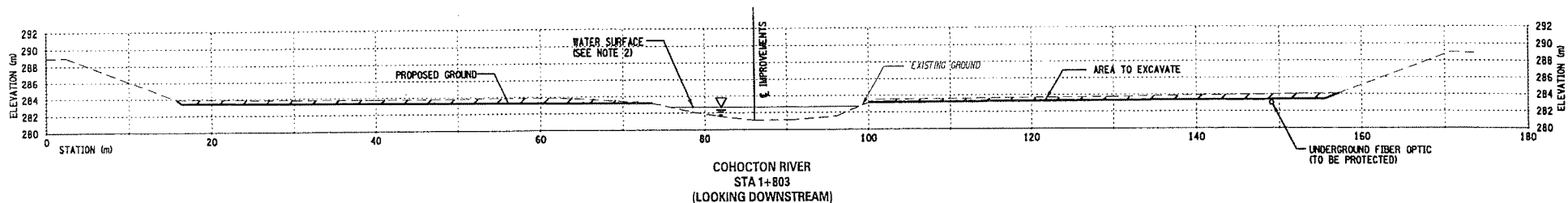
NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
D/A Processing No. 1999-00298(2)
Steuben County, New York Quad: CORNING
Sheet 21 of 36

AS BUILT REVISIONS			
SIGNATURE		DATE	
COHOCTON RIVER THALWAG, PROFILE AND TEMPORARY ACCESS ROAD PROFILE			
SEAR-BROWN		STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME 600840ad.dwg	REGION 6	DATE 6 / 03	DRAWING NO. DR-5

COHOCTON RIVER
CROSS-SECTIONS

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259418		661

INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE - PHASE I
TOWN OF ERWIN
STEUBEN COUNTY, NEW YORK
P.I.N. 6008.40 B.I.N.

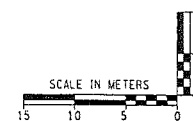


LEGEND

- PROPOSED EXCAVATION (ITEM 203.02)
- NORMAL LOW FLOW WATER SURFACE
- PROPOSED CHANNEL BOTTOM (GRADE TO DRAIN)

NOTES:

1. REFER TO DWG. DR-1 FOR LIMITS & APPROX. DEPTHS OF EXCAVATION.
2. WATER SURFACE ELEVATION OBSERVED IN JAN. 1999.



AS BUILT REVISIONS

SIGNATURE _____ DATE _____

COHOCTON RIVER
CROSS-SECTIONS

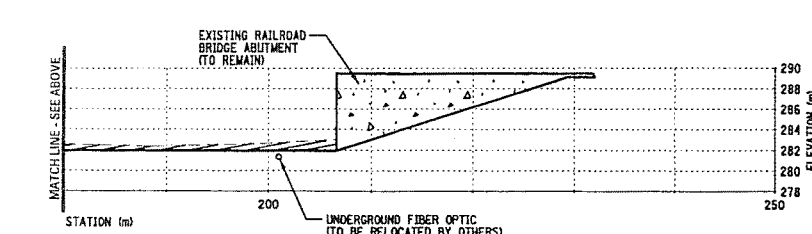
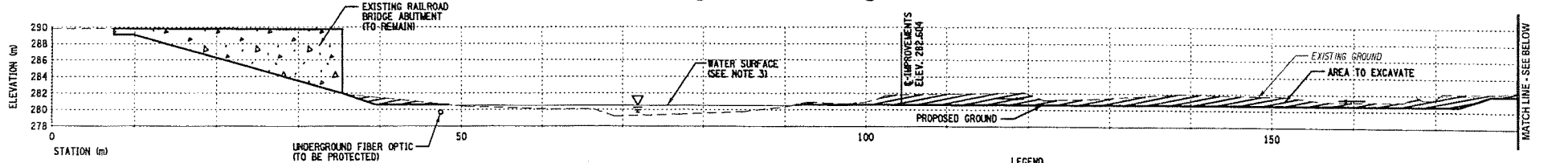
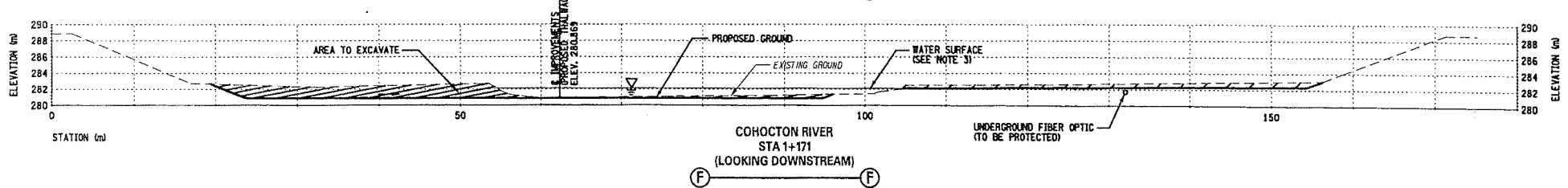
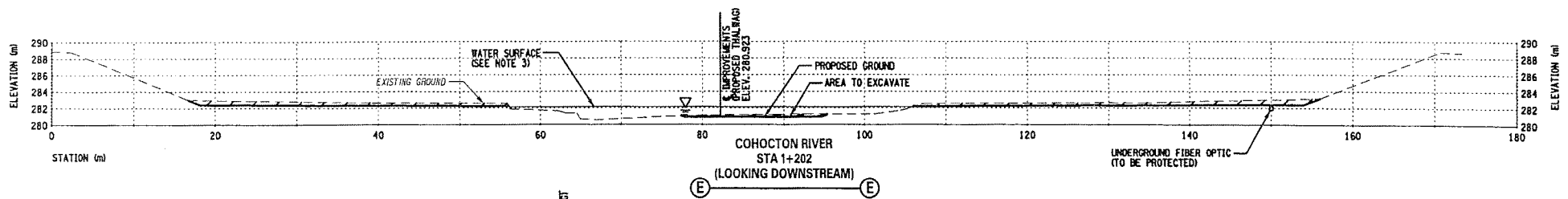
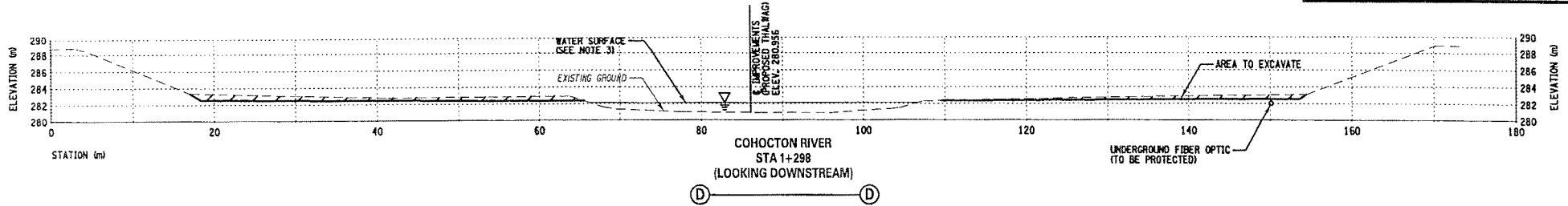
SEAR-BROWN

STATE OF NEW YORK
DEPT. OF TRANSPORTATION

FILENAME 600840ae.dwg	REGION 6	DATE 6 / 03	DRAWING NO. DR-6
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COHOCTON RIVER
CROSS-SECTIONS

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEET
1	N.Y.	D259418		661
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE - PHASE I				
TOWN OF ERWIN				
STEUBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	



COHOCTON RIVER AT RAILROAD BRIDGE
STA 1+000
(CROSS SECTION TAKEN ALONG EXISTING FASCIA)
(LOOKING DOWNSTREAM)

NOTES:

1. REFER TO DWG. DR-2 FOR LIMITS & APPROX. DEPTHS OF EXCAVATION.
2. REFER TO DWG. DR-5 FOR COHOCTON RIVER THALWAG PROFILE.
3. WATER SURFACE ELEVATION OBSERVED IN JAN. 1999.

LEGEND

- PROPOSED EXCAVATION (ITEM 203.02)
- EXISTING CONCRETE BRIDGE ABUTMENT
- NORMAL LOW FLOW WATER SURFACE
- PROPOSED CHANNEL BOTTOM (GRADE TO DRAIN)



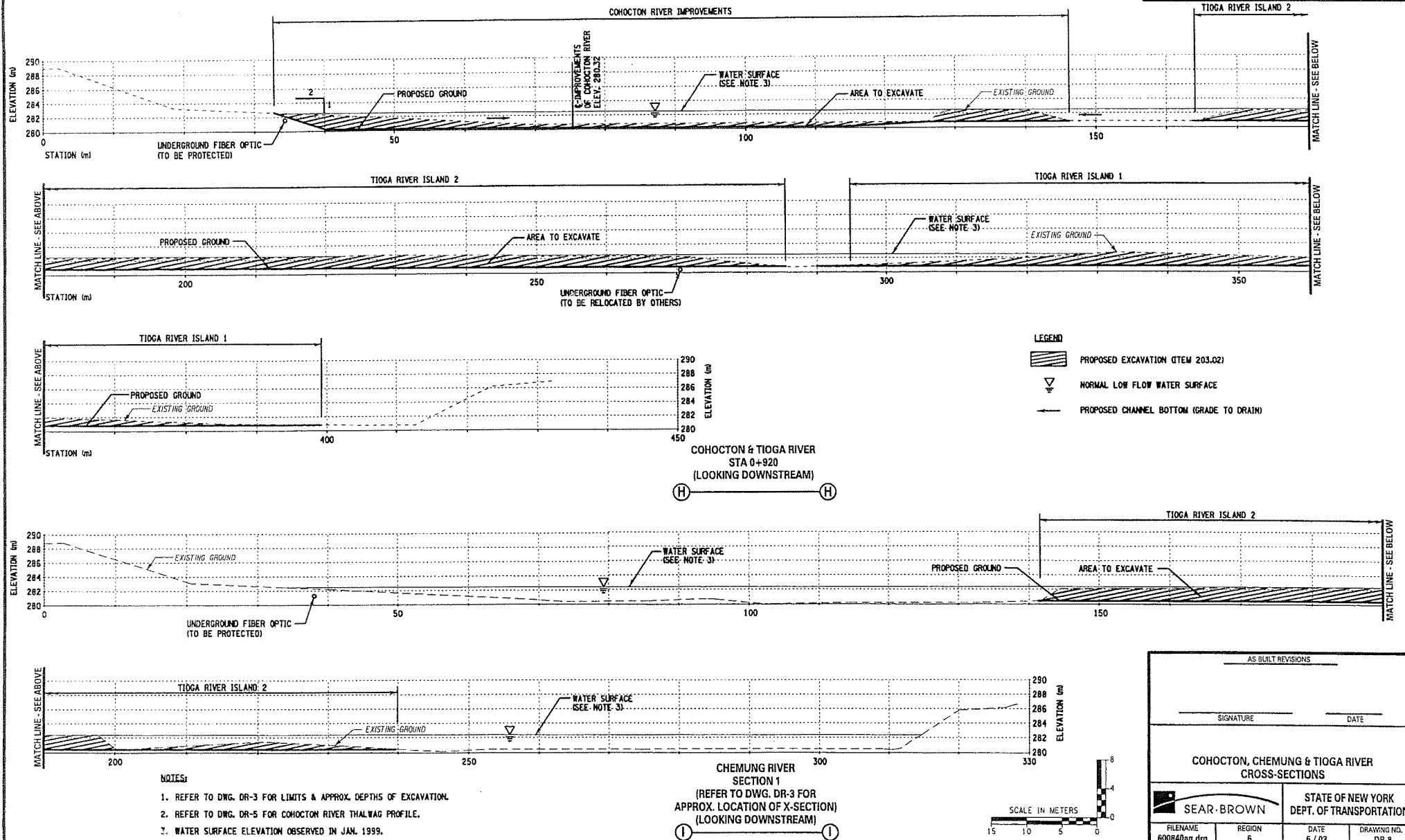
AS BUILT REVISIONS	
SIGNATURE	DATE
COHOCTON RIVER CROSS-SECTIONS	
SEAR·BROWN	
STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME 600840af.dwg	REGION 6
DATE 6 / 03	DRAWING NO. DR-7

NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
D/A Processing No. 1999-00298(2)
Steuben County, New York Quad: CORNING
Sheet 24 of 36

COHOCTON, CHEMUNG
& TIOGA RIVER
CROSS-SECTIONS

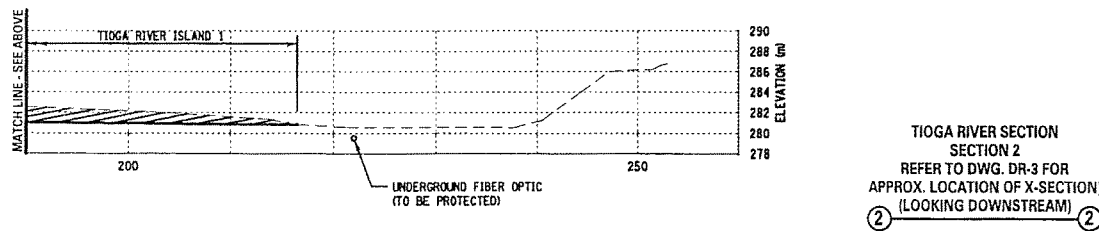
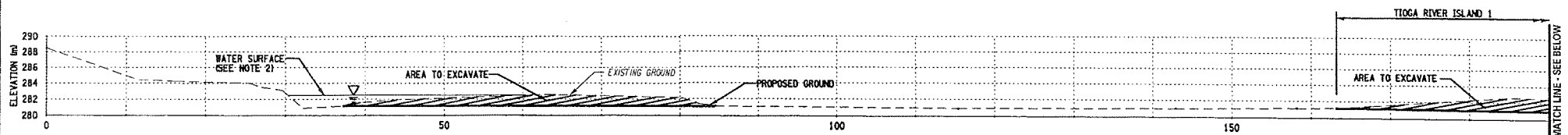
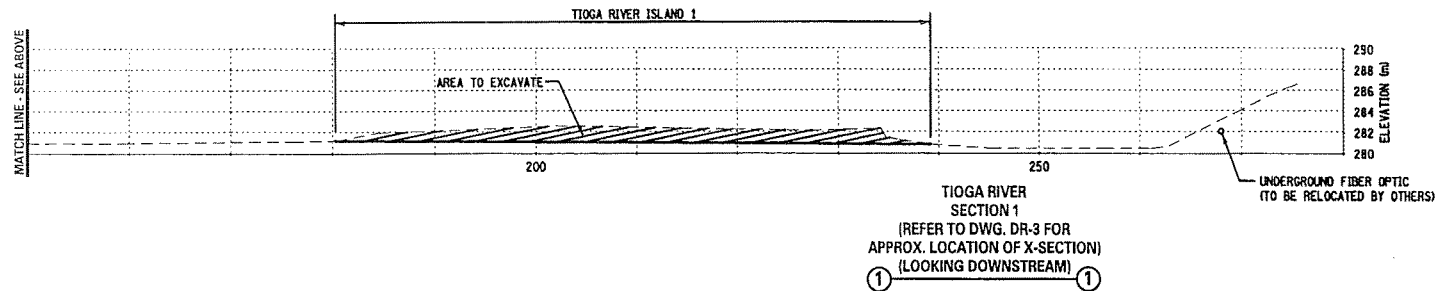
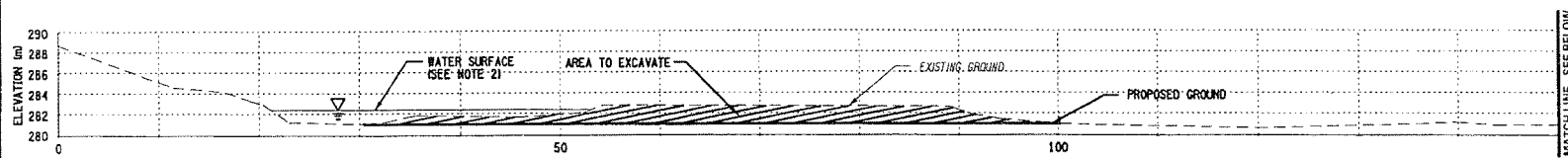
FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259418		661

INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE - PHASE I
TOWN OF ERWIN
STEBEN COUNTY, NEW YORK
P.I.N. 6008.40 B.I.N.



TIOGA RIVER
CROSS-SECTIONS

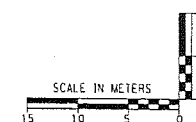
FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259418		661
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE - PHASE I				
TOWN OF ERWIN				
STEUBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	



LEGEND	
	PROPOSED EXCAVATION (ITEM 203.02)
	NORMAL LOW FLOW WATER SURFACE
	PROPOSED CHANNEL BOTTOM (GRADE TO DRAIN)

- NOTES:
1. REFER TO DWG. DR-3 FOR LIMITS & APPROX. DEPTHS OF EXCAVATION.
 2. WATER SURFACE ELEVATION OBSERVED IN JAN. 1999.

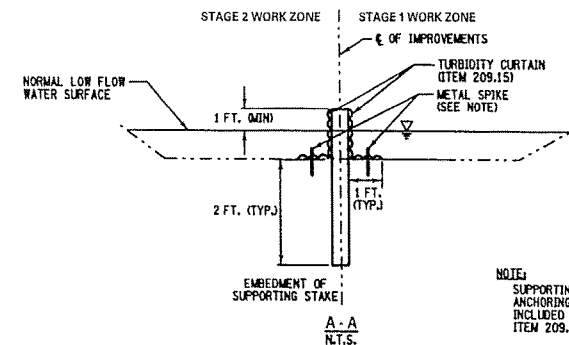
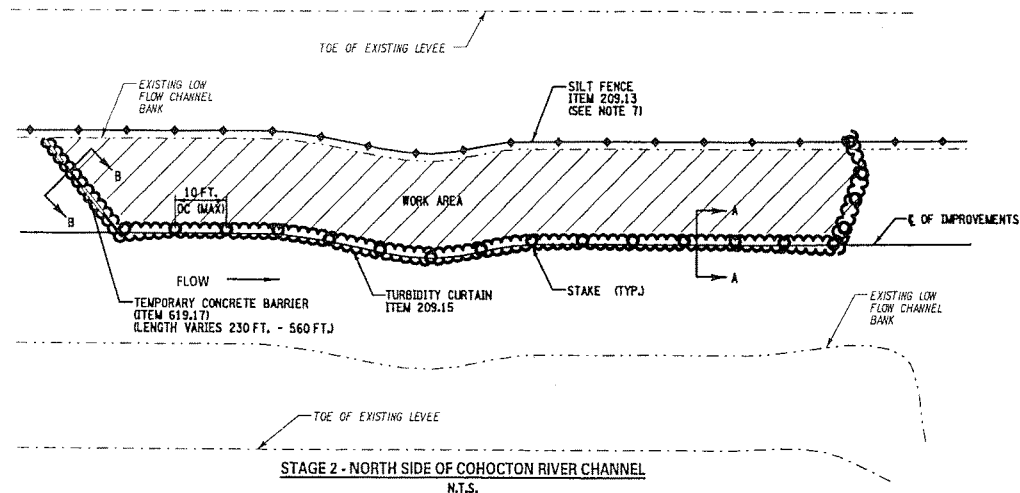
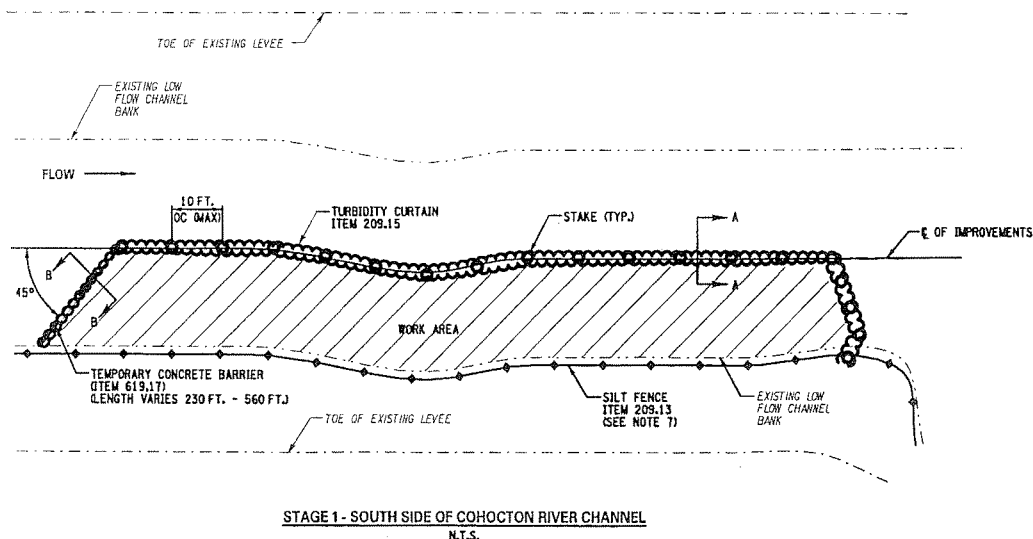
NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
D/A Processing No. 1999-00298(2)
Steuben County, New York Quad: CORNING
Sheet 25 of 36



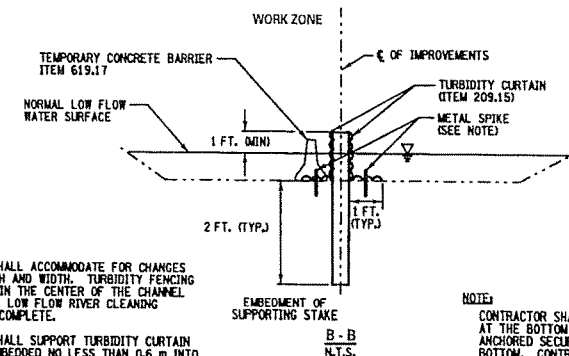
AS BUILT REVISIONS	
SIGNATURE	DATE
TIOGA RIVER CROSS-SECTIONS	
STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME 600840ah.dwg	REGION 6
DATE 6 / 03	DRAWING NO. DR-9

NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
D/A Processing No. 1999-00298(2)
Steuben County, New York Quad: CORNING
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FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259418		661
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE - PHASE I				
TOWN OF ERWIN				
STEBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	



NOTE:
SUPPORTING STAKES AND METAL ANCHORING SPIKES SHALL BE INCLUDED IN PRICE BID FOR ITEM 209.15



NOTE:
CONTRACTOR SHALL PROVIDE EXCESS CURTAIN AT THE BOTTOM TO ALLOW CURTAIN TO BE ANCHORED SECURELY IN PLACE ON THE CHANNEL BOTTOM. CONTRACTOR SHALL ANCHOR TURBIDITY CURTAIN USING METAL SPIKES @ 5 FT. O.C. (BOTH SIDES)

NOTES:

- CONTRACTOR SHALL ACCOMMODATE FOR CHANGES IN RIVER DEPTH AND WIDTH. TURBIDITY FENCING IS TO REMAIN IN THE CENTER OF THE CHANNEL UNTIL OVERALL LOW FLOW RIVER CLEANING OPERATION IS COMPLETE.
- CONTRACTOR SHALL SUPPORT TURBIDITY CURTAIN VIA STAKES EMBEDDED NO LESS THAN 0.6 m INTO CHANNEL BED.
- ALL EXCAVATED MATERIAL SHALL BE REMOVED TO AN UPLAND AREA APPROVED BY THE CONSTRUCTION ENVIRONMENTAL CONTACT. NO STORAGE OF EXCAVATED MATERIAL SHALL BE PERMITTED WITHIN THE BOUNDARY OF THE LEVEES (FLOODWAY).
- DEWATERING OF WORK AREA IS NOT REQUIRED.
- THE CONTRACTOR SHALL COMPLETE THE ENTIRE SOUTH SIDE OF RIVER BEFORE MOVING TO THE NORTH.
- THE CONTRACTOR SHALL STABILIZE DISTURBED AREAS ON A DAILY BASIS.
- THE CONTRACTOR SHALL PLACE SILT FENCE (ITEM NO. 209.13) ALONG WATER EDGE IN OVERBANK EXCAVATION AREAS. SILT FENCE SHALL REMAIN UNTIL SUFFICIENT GROWTH HAS OCCURRED ON OVERBANK AREAS, A.D.B.E.

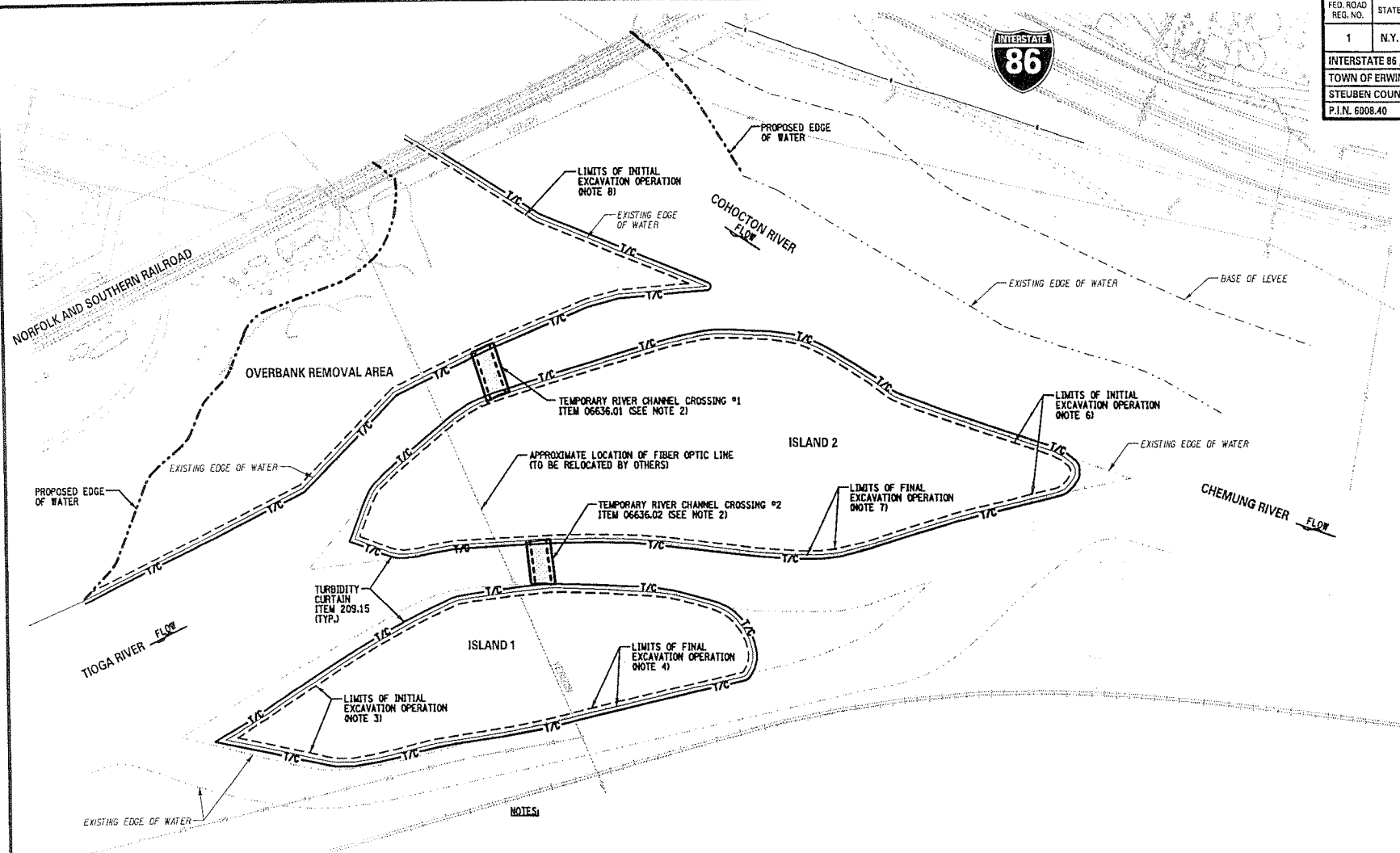
GENERAL SEQUENCE OF OPERATIONS:

- BUILD TEMPORARY LEVEE CROSSING ROAD (SEE DWG. DR-13).
- INSTALL WATER QUALITY CONTROL DEVICES.
- PERFORM STAGE 1 EXCAVATION OPERATION. EXCAVATION TO BE PROGRESSED FROM DOWNSTREAM TO UPSTREAM AND FROM TOE OF LEVEE TOWARD RIVER.
- PERFORM STAGE 2 EXCAVATION OPERATION.
- REMOVE WATER QUALITY CONTROL DEVICES.

AS BUILT REVISIONS	
SIGNATURE	DATE
STAGING AND WATER QUALITY CONTROL COHOCTON RIVER DETAILS AND NOTES	
SEAR-BROWN	
STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME 600840sl.dwg	REGION 6
DATE 6 / 03	DRAWING NO. DR-10

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			

INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE - PHASE I	
TOWN OF ERWIN	
STEBEN COUNTY, NEW YORK	
P.I.N. 6008.40	B.I.N.



LEGEND

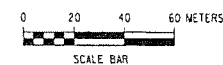
—T/C— TURBIDITY CURTAIN
ITEM NO. 209.15

NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
D/A Processing No. 1999-00298(2)
Steuben County, New York Quad: CORNING
Sheet 27 of 36

IMPORTANT IN-STREAM WORK RESTRICTIONS:

THE CONTRACTOR SHALL NOT ENTER THE WATERS OF ANY OF THE THREE (3)
RIVERS (COHOCTON, TIOGA OR CHEMUNG) DURING THE FOLLOWING NYSDEC
IDENTIFIED PERIOD:

MARCH 15 TO JUNE 30



AS BUILT REVISIONS

SIGNATURE DATE

TIOGA RIVER
ISLAND REMOVAL AND
WATER QUALITY CONTROL DETAILS

SEAR-BROWN

STATE OF NEW YORK
DEPT. OF TRANSPORTATION

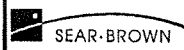
FILENAME	REGION	DATE	DRAWING NO.
600840ej.dwg	6	6 / 03	DR-11

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE - PHASE I				
TOWN OF ERWIN				
STEUBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	

GENERAL SEQUENCE OF OPERATIONS:

1. INSTALL TEMPORARY RIVER CHANNEL CROSSING #1 AND #2.
2. INSTALL TURBIDITY CURTAIN (ITEM 209.15) AROUND ISLAND 1.
3. CLEAR AND GRUB (ITEM 201.06) ISLAND 1 . LEAVE A PERIMETER BERM OF 6 FT. WIDTH AROUND THE ISLAND. EXCAVATE ISLAND 1 (ITEM 203.02).
4. REMOVE BERM, TURBIDITY CURTAIN AND TEMPORARY RIVER CHANNEL CROSSING #2 TO ISLAND 1.
5. INSTALL TURBIDITY CURTAIN (ITEM 209.15) AROUND ISLAND 2.
6. CLEAR AND GRUB (ITEM 201.06) ISLAND 2 . LEAVE A PERIMETER BERM OF 6 FT. WIDTH AROUND THE ISLAND. EXCAVATE ISLAND 2.
7. REMOVE BERM, TURBIDITY CURTAIN AND TEMPORARY RIVER CHANNEL CROSSING #1 TO ISLAND 2.
8. CLEAR AND GRUB, AND EXCAVATE OVBANK REMOVAL AREA, BEGINNING AT THE TOE OF LEVEE, LEAVING A 6 FT. WIDE PERIMETER BERM THAT WILL BE REMOVED JUST PRIOR TO TURBIDITY CURTAIN REMOVAL.
9. THE CONTRACTOR SHALL STABILIZE DISTURBED AREAS ON A DAILY BASIS.
10. THE CONTRACTOR SHALL CLEAR AND REMOVE ISLAND 1 BEFORE CLEARING ISLAND 2 (OTHER THAN ACCESS ROUTE).

NEW YORK STATE DEPARTMENT OF
TRANSPORTATION
D/A Processing No. 1999-00298(2)
Steuben County, New York Quad: CORNING
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AS BUILT REVISIONS			
SIGNATURE		DATE	
TIAGA RIVER ISLAND REMOVAL AND WATER QUALITY CONTROL NOTES			
		STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME 6008404j.dwg	REGION 6	DATE 6 / 03	DRAWING NO. DR-11A

COCHOCTON & TIOGA CONTROL POINTS	
POINT NAME	COORDINATES
MISC. CHANNEL BOTTOM POINTS (COCHOCTON RIVER)	
LF-1	N 239332.40, E 207791.43
LF-2	N 239321.33, E 207846.31
LF-3	N 239321.57, E 207878.12
LF-4	N 239362.06, E 207883.79
LF-5	N 239370.72, E 207914.90
LF-6	N 239315.63, E 207921.29
LF-7	N 239271.67, E 207987.86
LF-8	N 239233.57, E 207967.63
MISC. CHANNEL BOTTOM POINTS (TIOGA RIVER OVERBANKS)	
C-1	N 239216.15, E 207988.22
C-2	N 239197.23, E 208022.23
C-3	N 239236.71, E 208062.46
C-4	N 239249.79, E 208116.05
C-5	N 239215.89, E 208107.12
C-6	N 239182.55, E 208048.76
C-7	N 239173.35, E 208079.42
C-8	N 239180.10, E 208011.04
C-9	N 239182.86, E 207965.05
C-10	N 239162.23, E 207981.13
C-11	N 239143.59, E 208000.31
C-12	N 239144.16, E 207908.26
C-13	N 239121.47, E 207959.97
C-14	N 239095.72, E 207882.25
C-15	N 239075.79, E 207909.60
C-16	N 239083.22, E 207869.50
C-17	N 239061.48, E 207886.36
C-18	N 239042.09, E 207845.47
MISC. CHANNEL BOTTOM POINTS (TIOGA RIVER ISLANDS)	
I-1	N 239090.93, E 208000.40
I-2	N 239056.90, E 208028.37
I-3	N 239113.15, E 208068.79
I-4	N 239070.07, E 208081.67
I-5	N 239127.15, E 208143.37
I-6	N 239071.72, E 208152.15
I-7	N 239046.48, E 208151.60
I-8	N 239079.95, E 208213.30
I-9	N 238975.13, E 207933.49
I-10	N 238941.66, E 207949.39
I-11	N 238991.05, E 207965.85
I-12	N 238952.09, E 207985.04
I-13	N 239008.61, E 208038.79
I-14	N 238965.81, E 208042.63
I-15	N 238991.60, E 208095.55
MISC. CHANNEL OVERBANK POINTS (COCHOCTON RIVER)	
OB-1	N 239569.95, E 207309.83
OB-2	N 239609.87, E 207388.76
OB-3	N 239427.68, E 207393.22
OB-4	N 239489.21, E 207475.43
OB-5	N 239370.78, E 207465.93
OB-6	N 239445.83, E 207519.00
OB-7	N 239341.74, E 207540.93
OB-8	N 239436.12, E 207566.15
OB-9	N 239318.47, E 207600.61
OB-10	N 239422.03, E 207624.26
OB-11	N 239303.72, E 207655.94
OB-12	N 239405.65, E 207681.49
OB-13	N 239289.27, E 207755.32
OB-14	N 239394.59, E 207771.21

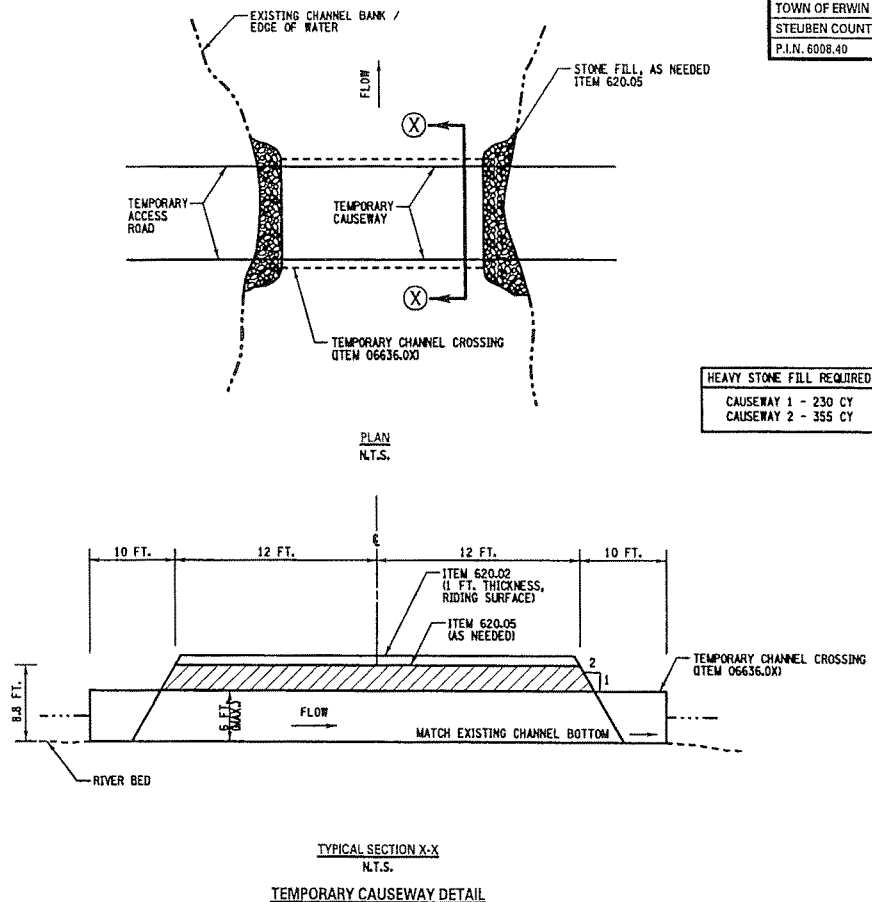
LIMIT OF LOW FLOW CHANNEL EXCAVATION POINTS	
POINT NAME	COORDINATES
P-1	N 239341.33, E 207758.52
P-2	N 239326.35, E 207858.89
P-3	N 239371.93, E 207884.40
P-4	N 239298.35, E 208060.21
P-5	N 239282.75, E 208091.04
P-6	N 239218.85, E 207139.64
P-7	N 239206.96, E 208123.21
P-8	N 239166.33, E 208107.08
P-9	N 239145.29, E 208037.49
P-10	N 239118.23, E 207968.03
P-11	N 239070.79, E 207920.19
P-12	N 239015.32, E 207813.00
P-13	N 239076.01, E 207845.78
P-14	N 239113.72, E 207874.98
P-15	N 239150.57, E 207897.15
P-16	N 239172.01, E 207951.79
P-17	N 239215.84, E 207967.64
P-18	N 239266.46, E 207919.68
P-19	N 239304.84, E 207859.11
P-20	N 239140.84, E 208119.48
P-21	N 239112.22, E 208216.03
P-22	N 239075.01, E 208301.73
P-23	N 239035.90, E 208180.02
P-24	N 239044.49, E 208061.96
P-25	N 239044.49, E 207946.61
P-26	N 207958.05, E 239069.29
P-27	N 239108.72, E 208007.62
P-28	N 239013.45, E 207956.60
P-29	N 239019.68, E 208044.17
P-30	N 238989.28, E 208143.32
P-31	N 238952.08, E 208033.05
P-32	N 238934.90, E 207942.25
P-33	N 238946.67, E 207883.78

NOTE:
ACTUAL EXCAVATION LIMITS MAY VARY.
ALL PROPOSED EXCAVATION LIMITS
SHALL BE APPROVED BY ENGINEER.

LOCATION TABLE TURBIDITY CURTAIN- ITEM 209.15				
LOCATION	STATION	LENGTH @	HEIGHT @	QTY (SQ)
COCHOCTON RIVER RIGHT SIDE	0+895 ±	908 ±	2 ±	1816 ±
COCHOCTON RIVER LEFT SIDE	0+895 ±	908 ±	2 ±	1816 ±
OVERBANK	N/A	795 ±	2 ±	1590 ±
ISLAND 1	N/A	878 ±	2 ±	1756 ±
ISLAND 2	N/A	511 ±	2 ±	1022 ±
TOTAL				8000 ±

NOTE:
TOTAL TURBIDITY CURTAIN QUANTITY INCLUDES THE DOUBLE CURTAIN
ON E OF COCHOCTON RIVER.


LOCATION TABLE SILT FENCE- ITEM 209.13		
LOCATION	STATION	LENGTH (L.M)
COCHOCTON RIVER RIGHT SIDE	1+000 ±	2460 ±
COCHOCTON RIVER LEFT SIDE	1+000 ±	2400 ±
TOTAL		4860 ±

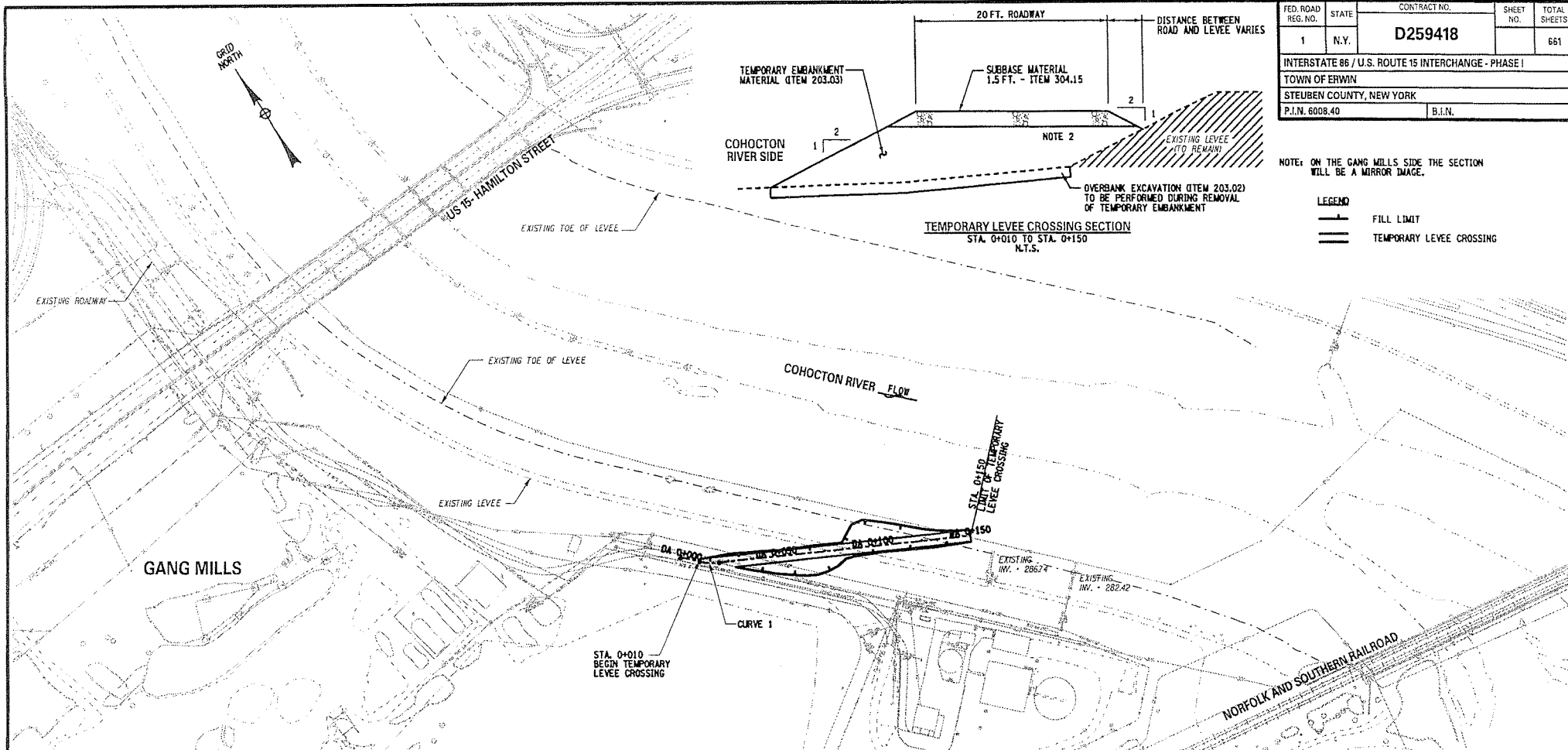


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FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259418		661
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE - PHASE I				
TOWN OF ERWIN				
STEBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	

HEAVY STONE FILL REQUIRED
CAUSEWAY 1 - 230 CY
CAUSEWAY 2 - 355 CY

AS BUILT REVISIONS			
SIGNATURE		DATE	
CAUSEWAY DETAILS NOTES & TABLES			
 SEAR-BROWN		STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME 600840ak.dwg	REGION 6	DATE 6 / 03	DRAWING NO. DR-12



FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	D259418		661
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE - PHASE I				
TOWN OF ERWIN				
STEBUEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	

NOTE: ON THE GANG MILLS SIDE THE SECTION WILL BE A MIRROR IMAGE.

LEGEND	
	FILL LIMIT
	TEMPORARY LEVEE CROSSING

RIVER CLEANING OPERATION TEMPORARY LEVEE CROSSING ALIGNMENT PLAN

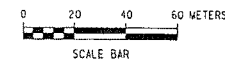
STATION	COORDINATES
DA 0+000.000	N 239266.281, E 207590.218
DA 0+009.998	N 239264.027, E 207599.959
DA 0+020.088	N 239263.433, E 207609.984
DA 0+175.000	N 239280.276, E 207763.977

CURVE 1	
P.I. STA.	DA 0+015.091
P.C. STA.	DA 0+009.998
P.T. STA.	DA 0+020.088
RADIUS	30,000 m
DELTA	19° 16' 12" L.T.
TANGENT	5,093 m

NOTES:

- CONTRACTOR SHALL PROTECT EXISTING UTILITIES AND CONTROL STRUCTURES.
- THERE WILL BE NO EXCAVATION INTO THE LEVEE. ALL GRADING TO BE DONE USING FILL.
- CONTRACTOR SHALL MAINTAIN 5% MAXIMUM ROADWAY GRADE ON EXIST. TOWN ACCESS ROAD.
- SEE DWG. DR-5 FOR TEMPORARY ROADWAY ALIGNMENT PROFILE.
- UPON COMPLETION OF THE WORK WITHIN THE LEVEE AREA, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY MATERIALS (IE. EMBANKMENT & SUBBASE). THE COST OF THE REMOVAL OF ALL TEMPORARY MATERIALS SHALL BE INCLUDED IN THE PRICE BID FOR ITEMS 203.03 AND 304.15. THE MATERIALS ON THE LANDWARD SIDE OF THE LEVEE SHALL REMAIN FROM THE TOWN ACCESS ROAD TO THE TOP OF LEVEE AS A FUTURE ACCESS POINT. (SEE DWG. DR-5)
- CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY MATERIALS ALONG TEMPORARY ACCESS ROAD BEYOND DEFINED ALIGNMENT. IF DRAINAGE CHANNELS ARE DAMAGED CONTRACTOR MUST REDEFINE.

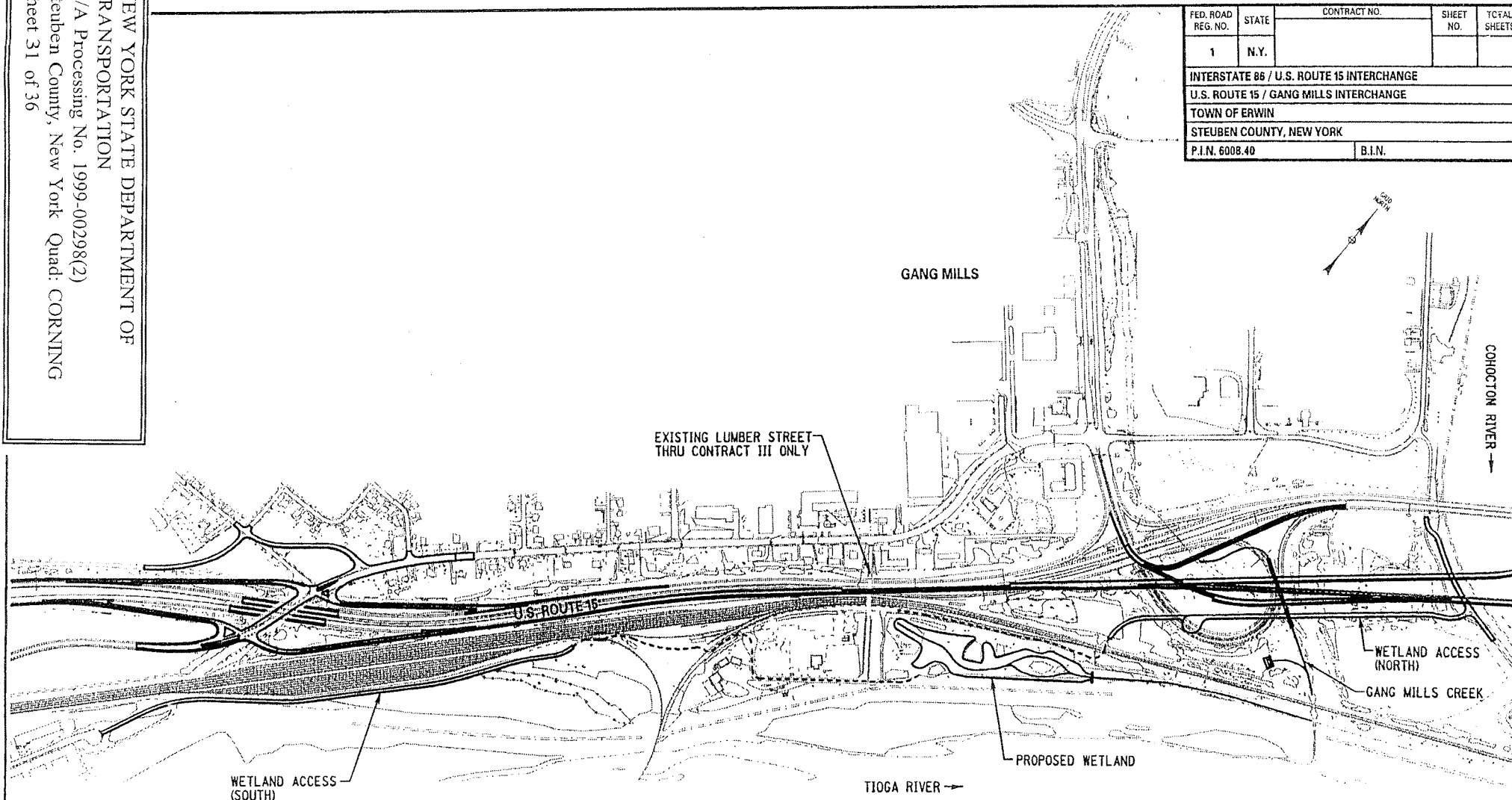
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AS BUILT REVISIONS	
SIGNATURE	DATE
RIVER CLEANING OPERATION TEMPORARY ACCESS ROAD	
SEAR-BROWN	
STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILENAME 600840al.dwg	REGION 6
DATE 6 / 03	DRAWING NO. DR-13

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FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE				
U.S. ROUTE 15 / GANG MILLS INTERCHANGE				
TOWN OF ERWIN				
STEBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	



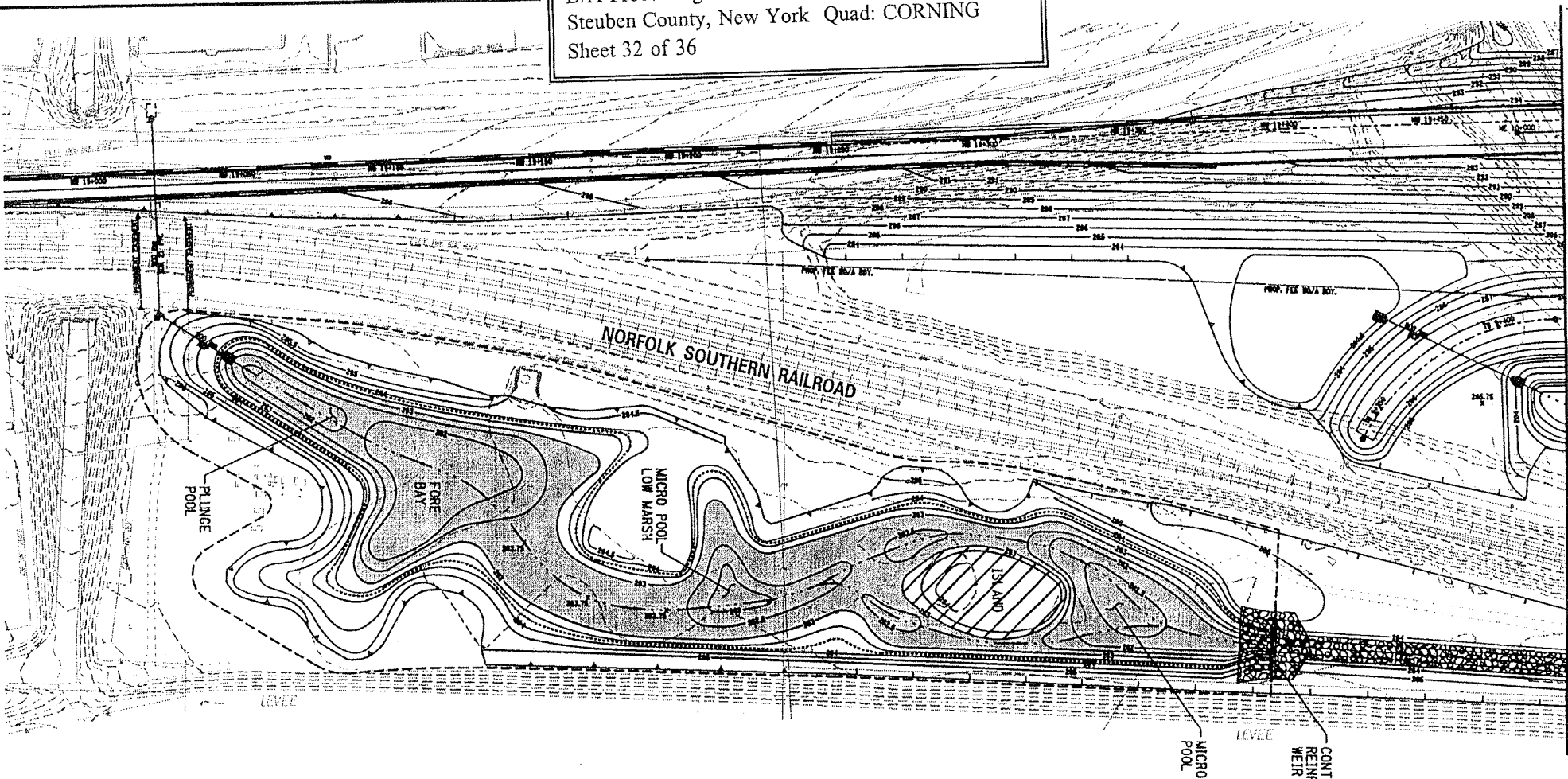
WETLAND ACCESS LOCATION MAP



STATE OF NEW YORK
DEPT. OF TRANSPORTATION

FILE NAME	SCALE	DATE	FIGURE NO.
al.pln	1:10,000	3 / 03	2

MATCH LINE - SEE DWG. 2



FED. ROAD DIST. NO.	STATE	COUNTY	SHEET NO.	TOTAL SHEETS
1	N.Y.			
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE				
U.S. ROUTE 15 / GANG MILLS INTERCHANGE				
TOWN OF ERWIN				
STEBEN COUNTY, NEW YORK				
PLAN 6008.40	B.I.N.			

GRID NORTH

AREA

TOTAL MITIGATION & BUFFER AREA = 7.75 AC.

WETLAND MITIGATION AREA (INCLUDING SHALLOW MARSH, FOREBAY, MICRO POOLS & UPLAND ISLAND) = 3.90 AC.

WETLAND AREA AT NORMAL WATER SURFACE ELEVATION = 2.55 AC.

UNDISTURBED UPLAND ISLAND (WITHIN WETLAND AREA) = 0.30 AC.

RIP-RAP OUTLET CHANNEL AREA = 0.85 AC.

LEGEND

--- TOTAL MITIGATION & BUFFER AREA

--- WETLAND MITIGATION AREA

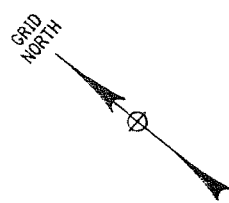
WET AREA (N.W.S. EL. = 283.0 m)

UNDISTURBED UPLAND ISLAND

RIP-RAP OUTLET CHANNEL AREA

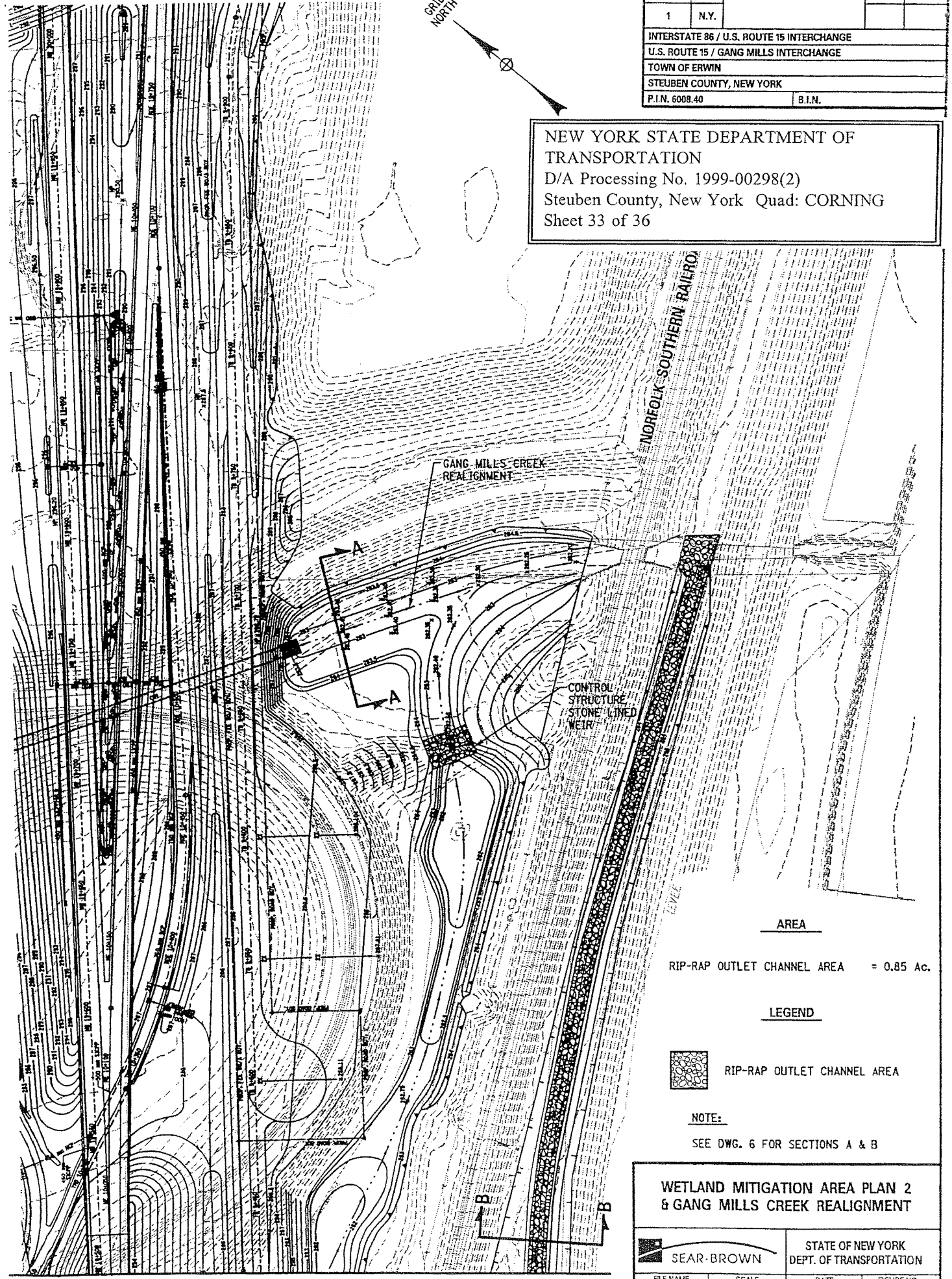
WETLAND MITIGATION AREA PLAN 1

FILE NAME	SCALE	DATE	FIGURE NO.
SEAR, BROWN	1:2000	3 / 03	1
STATE OF NEW YORK DEPT. OF TRANSPORTATION			



REG. NO.	STATE	NO.	SHEETS
1	N.Y.		
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE			
U.S. ROUTE 15 / GANG MILLS INTERCHANGE			
TOWN OF ERWIN			
STEBEN COUNTY, NEW YORK			
P.I.N. 6098.40		B.I.N.	

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AREA

RIP-RAP OUTLET CHANNEL AREA = 0.85 Ac.

LEGEND



RIP-RAP OUTLET CHANNEL AREA

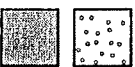
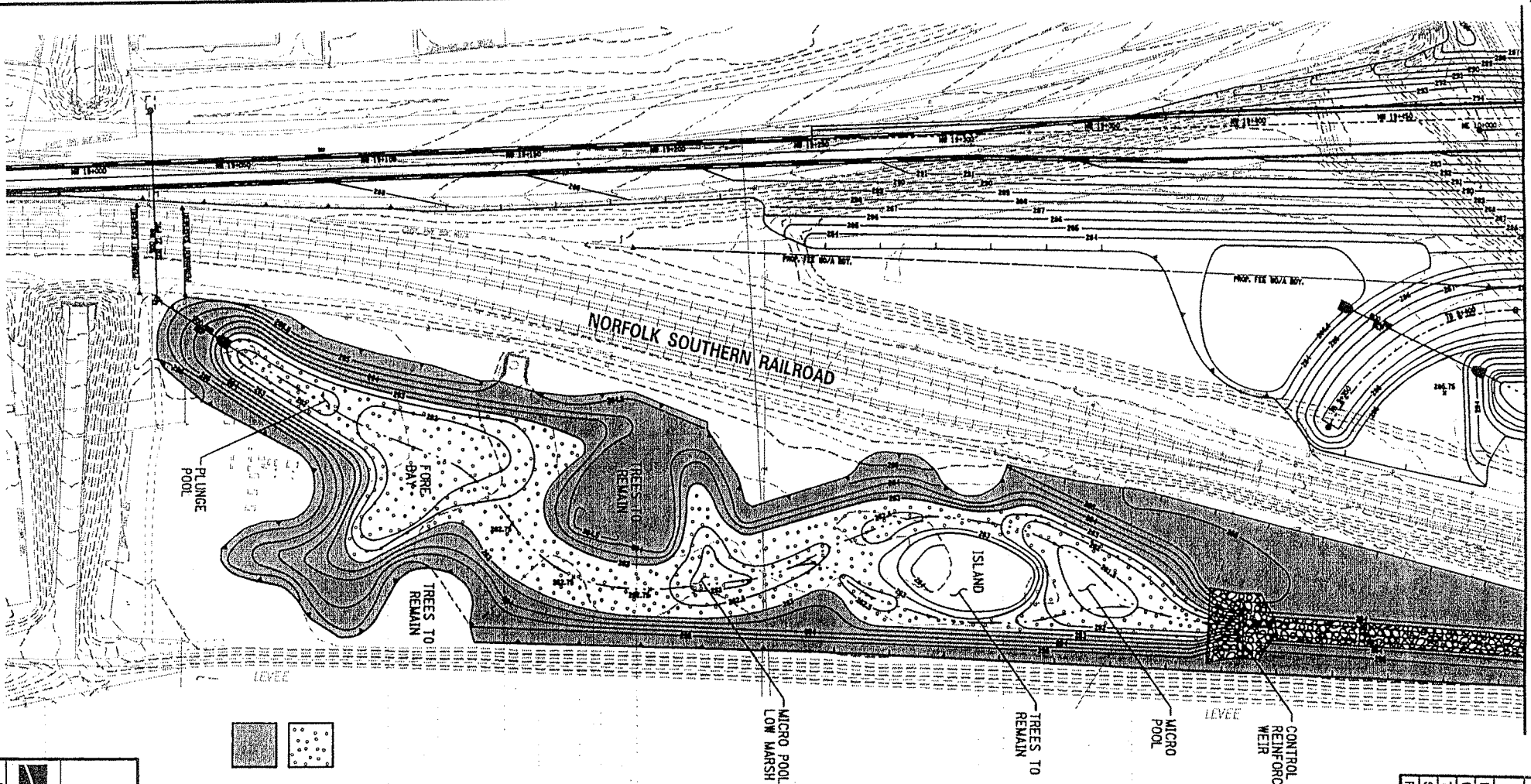
NOTE:

SEE DWG. 6 FOR SECTIONS A & B

WETLAND MITIGATION AREA PLAN 2
& GANG MILLS CREEK REALIGNMENT

SEAR-BROWN		STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILE NAME ai.pln	SCALE 1:2000	DATE 3 / 03	FIGURE NO. 1A

MATCH LINE - SEE DWG. 1



WETLAND SEED MIX
(FROM EL. 281.5 m TO 283.0 m)

UPLAND BUFFER SEED MIX
(FROM EL. 283.0 m TO LIMIT OF DISTURBANCE)

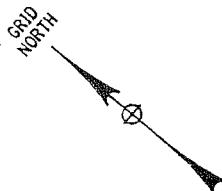
LEGEND

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FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			
INTERSTATE 88 / U.S. ROUTE 15 INTERCHANGE				
U.S. ROUTE 15 / GANG MILLS INTERCHANGE				
TOWN OF ERWIN				
STEBUEN COUNTY, NEW YORK				
P.L.N. 6008.40		B.L.N.		

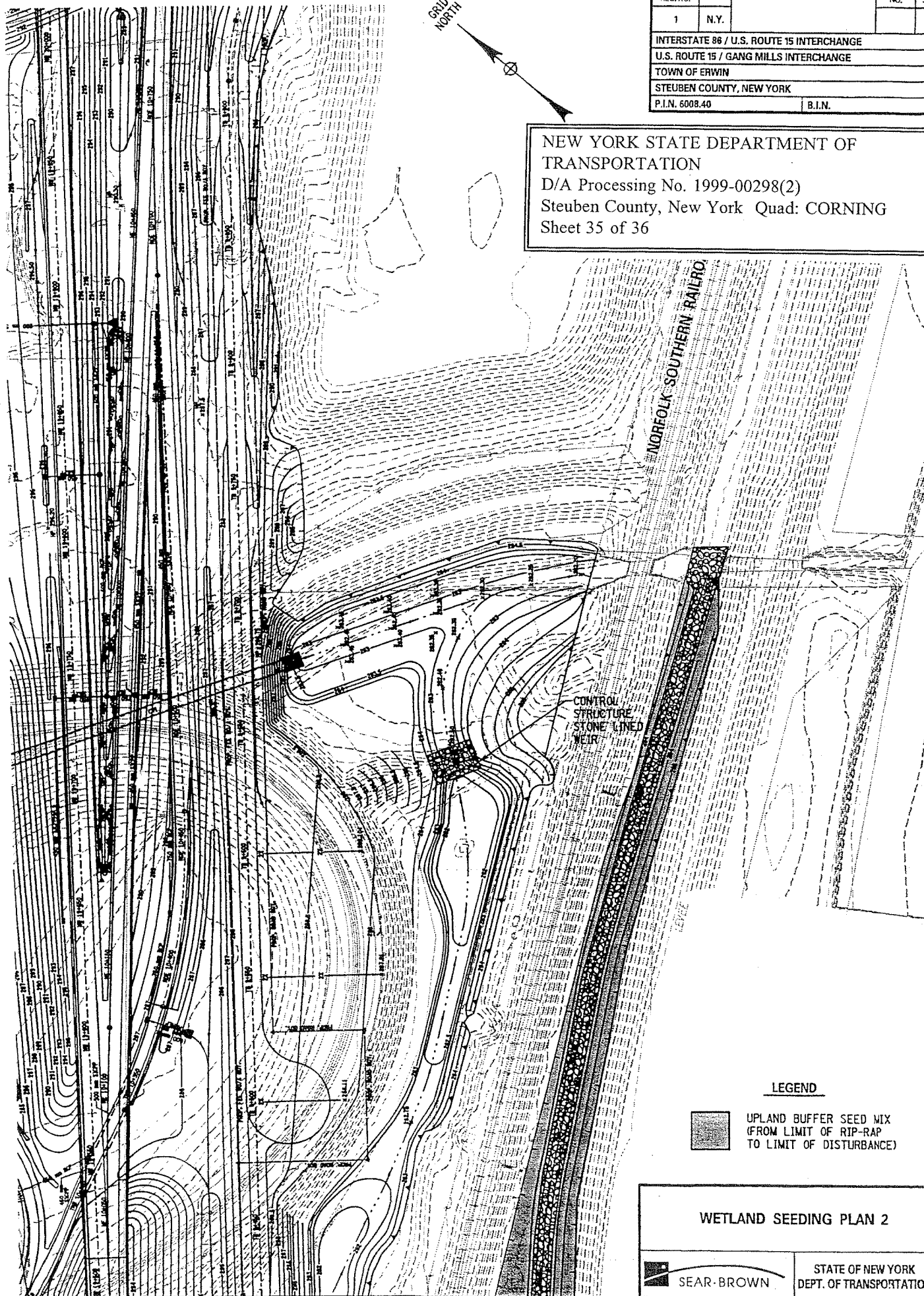
WETLAND SEEDING PLAN 1

FILE NAME SEAR-BROWN	SCALE 1:2000	DATE 3 / 03	FIGURE NO. 3
STATE OF NEW YORK DEPT. OF TRANSPORTATION			




FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE				
U.S. ROUTE 15 / GANG MILLS INTERCHANGE				
TOWN OF ERWIN				
STEBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	

NEW YORK STATE DEPARTMENT OF
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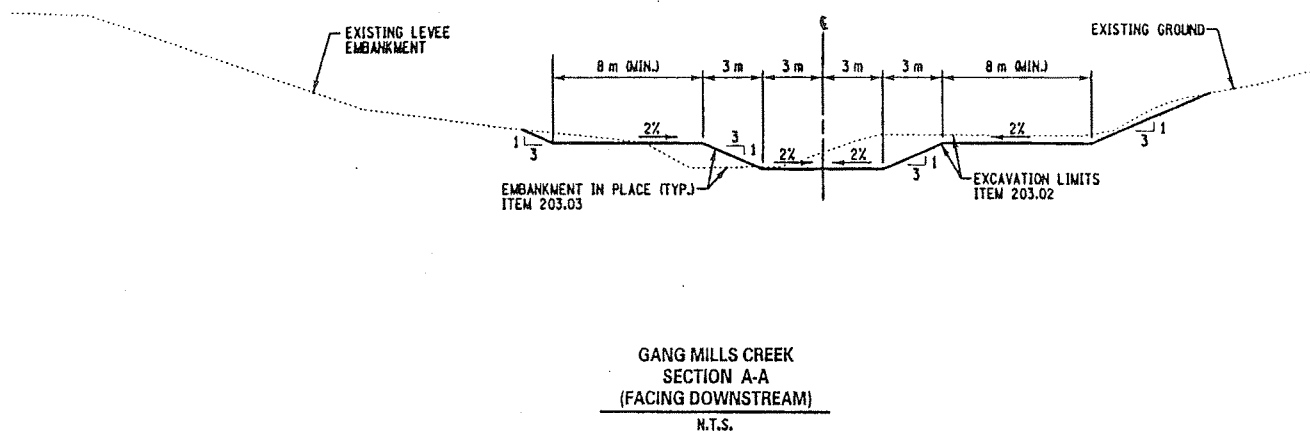
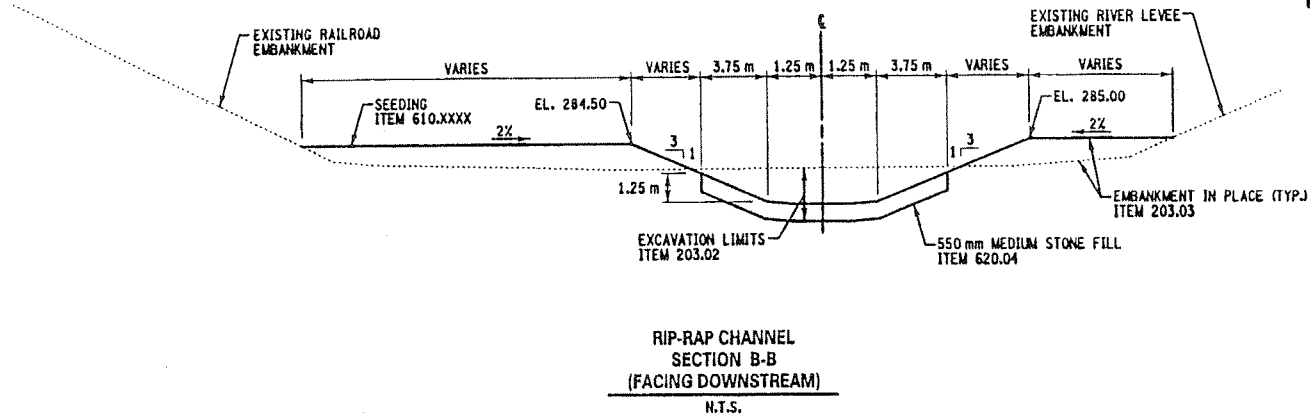


MATCH LINE - SEE DWG. 3

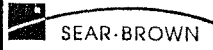
WETLAND SEEDING PLAN 2

 SEAR-BROWN	STATE OF NEW YORK DEPT. OF TRANSPORTATION		
FILE NAME ai.pln	SCALE 1:2000	DATE 3/03	FIGURE NO. 3A

FED. ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			
INTERSTATE 86 / U.S. ROUTE 15 INTERCHANGE				
U.S. ROUTE 15 / GANG MILLS INTERCHANGE				
TOWN OF ERWIN				
STEBEN COUNTY, NEW YORK				
P.I.N. 6008.40			B.I.N.	



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CROSS SECTIONS			
		STATE OF NEW YORK DEPT. OF TRANSPORTATION	
FILE NAME am.pln	SCALE AS NOTED	DATE 3 / 03	FIGURE NO. 4